

## Data Dictionary

### Attributes of sde4csb.SDE.BASEMAP\_TPIMS

Type of object: Feature Class

County of Parcel Data (Source: San Bernardino County)

| Attribute Name | Description  | Data Type    | Width | Precision | Scale | Alias          |
|----------------|--|--------------|-------|-----------|-------|----------------|
| OBJECTID       | Internal feature number.<br>(Source: ESRI)   | OID          | 4     | 10        | 0     | OBJECTID       |
| APN            | Assessor Parcel Number (as text)<br>(Source: San Bernardino County)                                    | String       | 9     | 0         | 0     | APN            |
| APNCODE        | Assessor Parcel Number Code<br>(Source: San Bernardino County)   | String       | 1     | 0         | 0     | APNCODE        |
| CODENUM        | Code Number (Source: San Bernardino County)  | SmallInteger | 2     | 5         | 0     | CODENUM        |
| DATENO         | Date Number (Source: San Bernardino County)  | Integer      | 4     | 10        | 0     | DATENO         |
| PARCEL_NBR     | Parcel Number (as text) (Source: San Bernardino County)  | String       | 9     | 0         | 0     | PARCEL_NBR     |
| OWNER_NAME     | Owner Name (Source: San Bernardino County)   | String       | 36    | 0         | 0     | OWNER_NAME     |
| SITUS_NBR      | Situs Address Number (Source: San Bernardino County)   | Integer      | 4     | 10        | 0     | SITUS_NBR      |
| SITUS_PREDIR   | Situs Address Predirectional (N, S, E, W) (Source: San Bernardino County)                              | String       | 1     | 0         | 0     | SITUS_PREDIR   |
| SITUS_NAME     | Situs Name of Street (Source: San Bernardino County)   | String       | 20    | 0         | 0     | SITUS_NAME     |
| SITUS_TYPE     | Situs Street Ending (Source: San Bernardino County)  | String       | 4     | 0         | 0     | SITUS_TYPE     |
| SITUS_CITY     | Situs City (Source: San Bernardino County)   | String       | 20    | 0         | 0     | SITUS_CITY     |
| SITUS_STATE    | Situs State (Source: San Bernardino County)  | String       | 2     | 0         | 0     | SITUS_STATE    |
| SITUS_AREA     | Situs Area (3 abbreviation of Situs_City) (Source: San Bernardino County)                              | String       | 3     | 0         | 0     | SITUS_AREA     |
| SITUS_ZIP      | Situs five digit zip code (Source: San Bernardino County)  | String       | 5     | 0         | 0     | SITUS_ZIP      |
| SITUS_ZIP_4    | Situs zip code plus four number (Source: San Bernardino County)  | String       | 4     | 0         | 0     | SITUS_ZIP_4    |
| OWNER_ADDRESS  | Parcel Owner mailing address (street number, street number, or PO box) (Source: San Bernardino County) | String       | 60    | 0         | 0     | OWNER_ADDRESS  |
| OWNER_CTYSTZIP | Parcel Owner mailing City, State and Zip Code (Source: San Bernardino County)                          | String       | 60    | 0         | 0     | OWNER_CTYSTZIP |
| OWNER_PARSED   | Parcel Owner_Address Parsed (Y or N) (Source: San Bernardino County)                                   | String       | 1     | 0         | 0     | OWNER_PARSED   |

|              |  |         |    |    |   |              |
|--------------|--|---------|----|----|---|--------------|
|              | County)  |         |    |    |   |              |
| OWNER_NBR    | Parcel Owner mailing address number ( <i>Source: San Bernardino County</i> )   | Integer | 4  | 10 | 0 | OWNER_NBR    |
| OWNER_STREET | Parcel Owner street name ( <i>Source: San Bernardino County</i> )  | String  | 20 | 0  | 0 | OWNER_STREET |
| OWNER_TYPE   | Parcel Owner mailing street ending ( <i>Source: San Bernardino County</i> )  | String  | 4  | 0  | 0 | OWNER_TYPE   |
| OWNER_PREDIR | Parcel Owner mailing street predirectional - N, S, E, W ( <i>Source: San Bernardino County</i> )   | String  | 1  | 0  | 0 | OWNER_PREDIR |
| OWNER_STATE  | Parcel Owner mailing State ( <i>Source: San Bernardino County</i> )  | String  | 2  | 0  | 0 | OWNER_STATE  |
| OWNER_CITY   | Parcel Owner mailing City ( <i>Source: San Bernardino County</i> )   | String  | 16 | 0  | 0 | OWNER_CITY   |
| OWNER_QUAL   | Parcel Owner mailing qualifier identifying the unit number (Suite number, Apartment number, Building number, etc) ( <i>Source: San Bernardino County</i> ) | String  | 8  | 0  | 0 | OWNER_QUAL   |
| OWNER_FRAC   | Parcel Owner mailing fraction number ( <i>Source: San Bernardino County</i> )  | String  | 3  | 0  | 0 | OWNER_FRAC   |
| OWNER_FILL   | Parcel Owner mailing fill ( <i>Source: San Bernardino County</i> )   | String  | 22 | 0  | 0 | OWNER_FILL   |
| OWNER_ZIP    | Parcel Owner mailing Zip Code ( <i>Source: San Bernardino County</i> )   | String  | 5  | 0  | 0 | OWNER_ZIP    |
| OWNER_ZIP_4  | Parcel Owner mailing Zip Code plus four number ( <i>Source: San Bernardino County</i> )  | String  | 4  | 0  | 0 | OWNER_ZIP_4  |
| TYPECODE     | Type Code ( <i>Source: San Bernardino County</i> )   | String  | 2  | 0  | 0 | TYPECODE     |
| TYPEACREAGE  | Type Acreage ( <i>Source: San Bernardino County</i> )  | String  | 1  | 0  | 0 | TYPEACREAGE  |
| TYPEUSE      | Type Use (land use code) ( <i>Source: San Bernardino County</i> )  | String  | 3  | 0  | 0 | TYPEUSE      |
| LAND_VALUE   | Land Value ( <i>Source: San Bernardino County</i> )  | String  | 9  | 0  | 0 | LAND_VALUE   |
| IMPR_VALUE   | Improvement Value ( <i>Source: San Bernardino County</i> )   | String  | 9  | 0  | 0 | IMPR_VALUE   |
| PERS_VALUE   | Pers Value ( <i>Source: San Bernardino County</i> )  | String  | 9  | 0  | 0 | PERS_VALUE   |
| EXEM_VALUE   | Exempt Value ( <i>Source: San Bernardino County</i> )  | String  | 9  | 0  | 0 | EXEM_VALUE   |
| HOX_FLAG     | Home Owners Exemption Flag (Y) ( <i>Source: San Bernardino County</i> )  | String  | 1  | 0  | 0 | HOX_FLAG     |
| ACREAGE      | Acreage of parcel ( <i>Source: San Bernardino County</i> )   | Double  | 8  | 38 | 8 | ACREAGE      |
| BASE_YEAR    | Base Year ( <i>Source: San</i>   | Integer | 4  | 10 | 0 | BASE_YEAR    |

|            |  |          |   |   |   |            |
|------------|--|----------|---|---|---|------------|
|            | Bernardino County)                                     |          |   |   |   |            |
| TAX_STATUS | Tax Status ( <i>Source: San Bernardino County</i> )    | String   | 1 | 0 | 0 | TAX_STATUS |
| TRA        | Tax Rate Area ( <i>Source: San Bernardino County</i> ) | String   | 7 | 0 | 0 | TRA        |
| RESP_GROUP | RESP Group ( <i>Source: San Bernardino County</i> )    | String   | 1 | 0 | 0 | RESP_GROUP |
| RESP_UNIT  | RESP Unit ( <i>Source: San Bernardino County</i> )     | String   | 3 | 0 | 0 | RESP_UNIT  |
| SHAPE      | Feature geometry. ( <i>Source: ESRI</i> )              | Geometry | 4 | 0 | 0 | SHAPE      |
| SHAPE.area | No description   | Double   | 0 | 0 | 0 | SHAPE.area |
| SHAPE.len  | No description   | Double   | 0 | 0 | 0 | SHAPE.len  |

## Attributes of sde4csb.SDE.CENT

*Type of object:* Feature Class

Street Centerlines (*Source: San Bernardino County*)

| Attribute Name | Description   | Data Type    | Width | Precision | Scale | Alias          |
|----------------|---|--------------|-------|-----------|-------|----------------|
| OBJECTID       | Internal feature number. ( <i>Source: ESRI</i> )  | OID          | 4     | 10        | 0     | OBJECTID       |
| ARCTYPE        | ARC Type ( <i>Source: San Bernardino County</i> )   | SmallInteger | 2     | 5         | 0     | ARCTYPE        |
| DATENO         | Date ( <i>Source: San Bernardino County</i> )   | Integer      | 4     | 10        | 0     | DATENO         |
| PRE_DIR        | Prefix Directional of street address (N, E, S, W) ( <i>Source: San Bernardino County</i> )              | String       | 1     | 0         | 0     | PRE_DIR        |
| STREET_NAME    | Name of Street ( <i>Source: San Bernardino County</i> )   | String       | 20    | 0         | 0     | STREET_NAME    |
| STREET_TYPE    | Street ending (ST, DR, AVE, RD, LN, PL, etc) of street address ( <i>Source: San Bernardino County</i> ) | String       | 4     | 0         | 0     | STREET_TYPE    |
| SUF_DIR        | Suffix Directional of street address (N, E, S, W) ( <i>Source: San Bernardino County</i> )              | String       | 1     | 0         | 0     | SUF_DIR        |
| TOLERANCE_FLAG | Tolerance Flag ( <i>Source: San Bernardino County</i> )   | SmallInteger | 2     | 5         | 0     | TOLERANCE_FLAG |
| PROCEDURE_CODE | Procedure Code ( <i>Source: San Bernardino County</i> )   | SmallInteger | 2     | 5         | 0     | PROCEDURE_CODE |
| SOURCE_CODE    | Source Code ( <i>Source: San Bernardino County</i> )  | SmallInteger | 2     | 5         | 0     | SOURCE_CODE    |
| DISTANCE       | Distance/Length of cogo'd centerline ( <i>Source: San Bernardino County</i> )                           | String       | 8     | 0         | 0     | DISTANCE       |
| ANGLE          | Direction and bearings of the cogo'd street centerline ( <i>Source: San Bernardino County</i> )         | String       | 10    | 0         | 0     | ANGLE          |

|            |  |          |    |   |   |            |
|------------|--|----------|----|---|---|------------|
| RADIUS     | Radius information of the cogo'd street centerline curve ( <i>Source: San Bernardino County</i> )                | String   | 8  | 0 | 0 | RADIUS     |
| DELTA      | Delta information of the cogo'd street centerline curve ( <i>Source: San Bernardino County</i> )                 | String   | 10 | 0 | 0 | DELTA      |
| TANGENT    | Tangent information of the cogo'd street centerline curve ( <i>Source: San Bernardino County</i> )               | String   | 8  | 0 | 0 | TANGENT    |
| ARCLENGTH  | Length of the Arc information of the cogo'd street centerline curve ( <i>Source: San Bernardino County</i> )     | String   | 8  | 0 | 0 | ARCLENGTH  |
| SIDE       | Which side of the curve (Convex or Concave) the line will curve towards ( <i>Source: San Bernardino County</i> ) | String   | 1  | 0 | 0 | SIDE       |
| SOURCE_DOC | Source Document of centerline descriptions ( <i>Source: San Bernardino County</i> )                              | String   | 20 | 0 | 0 | SOURCE_DOC |
| SHAPE      | Feature geometry. ( <i>Source: ESRI</i> )  | Geometry | 4  | 0 | 0 | Shape      |
| SHAPE.LEN  | Actual length of centerline ( <i>Source: ESRI</i> )  | Double   | 0  | 0 | 0 | SHAPE.len  |

## Attributes of sde4csb.SDE.Cent\_Line\_City\_Dissolve\_Diss2

*Type of object:* Feature Class

Street Centerline (*Source: San Bernardino County*)

| Attribute Name | Description  | Data Type | Width | Precision | Scale | Alias      |
|----------------|--|-----------|-------|-----------|-------|------------|
| OBJECTID       | Internal feature number. ( <i>Source: ESRI</i> )   | OID       | 4     | 10        | 0     | OBJECTID   |
| STREET_NAM     | Street Name ( <i>Source: San Bernardino County</i> )                                       | String    | 20    | 0         | 0     | STREET_NAM |
| STREET_TYP     | Street Type (RD, ST, AVE, BLVD, etc) ( <i>Source: San Bernardino County</i> )              | String    | 4     | 0         | 0     | STREET_TYP |
| CITY_NAME      | Name of City that Street Centerline is located in ( <i>Source: San Bernardino County</i> ) | String    | 35    | 0         | 0     | CITY_NAME  |
| SHAPE          | Feature geometry. ( <i>Source: ESRI</i> )  | Geometry  | 4     | 0         | 0     | Shape      |
| SHAPE.LEN      | Length of centerline ( <i>Source: ESRI</i> )   | Double    | 0     | 0         | 0     | Shape.len  |

## Attributes of sde4csb.SDE.CityLimits

*Type of object:* Feature Class

City Limit Boundaries (*Source: San Bernardino County*)

| Attribute Name | Description | Data Type | Width | Precision | Scale | Alias |
|----------------|-------------|-----------|-------|-----------|-------|-------|
|----------------|-------------|-----------|-------|-----------|-------|-------|

|            |  |          |    |    |   |            |
|------------|--|----------|----|----|---|------------|
| Shape      | Feature geometry. (Source: ESRI)                         | OID      | 4  | 10 | 0 | OBJECTID   |
| OBJECTID   | Internal feature number. (Source: ESRI)                  | Double   | 0  | 0  | 0 | SHAPE.len  |
| SHAPE.LEN  | Perimeter length of City boundary in feet (Source: ESRI) | String   | 35 | 0  | 0 | CITY_NAME  |
| CITY_NAME  | City full name (Source: San Bernardino County)           | Geometry | 4  | 0  | 0 | Shape      |
| SHAPE      | Feature geometry. (Source: ESRI)                         | Double   | 0  | 0  | 0 | SHAPE.area |
| SHAPE.AREA | Perimeter (Source: ESRI)                                 | String   | 35 | 0  | 0 | CITY_COMM_ |

## Attributes of sde4csb.SDE.Counties\_Adjacent

Type of object: Feature Class

| Attribute Name | Description                                    | Data Type | Width | Precision | Scale | Alias      |
|----------------|--|-----------|-------|-----------|-------|------------|
| OBJECTID       | Internal feature number. (Source: ESRI)        | OID       | 4     | 10        | 0     | OBJECTID   |
| NAME           | Name of County (Source: San Bernardino County) | String    | 20    | 0         | 0     | NAME       |
| Shape          | Feature geometry. (Source: ESRI)               | Geometry  | 4     | 0         | 0     | Shape      |
| Shape.area     | Area (Source: ESRI)                            | Double    | 0     | 0         | 0     | Shape.area |
| Shape.len      | Perimeter length (Source: ESRI)                | Double    | 0     | 0         | 0     | Shape.len  |

## Attributes of sde4csb.SDE.county\_maintained\_road\_system\_060408

Type of object: Feature Class

County Maintained Roads (Source: San Bernardino County)

| Attribute Name | Description   | Data Type | Width | Precision | Scale | Alias         |
|----------------|---|-----------|-------|-----------|-------|---------------|
| OBJECTID_1     | Internal feature number. (Source: ESRI)                     | OID       | 4     | 10        | 0     | OBJECTID_1    |
| OBJECTID       | Internal feature number. (Source: ESRI)                     | Double    | 8     | 10        | 0     | OBJECTID      |
| ROAD_SEQUENCE  | County Road Sequence number (Source: San Bernardino County) | String    | 9     | 0         | 0     | ROAD_SEQUENCE |
| Shape          | Feature geometry. (Source: ESRI)                            | Geometry  | 4     | 0         | 0     | Shape         |
| Shape.len      | Length (Source: ESRI)                                       | Double    | 0     | 0         | 0     | Shape.len     |

## Attributes of sde4csb.SDE.County\_Owned\_Parcels\_110807

Type of object: Feature Class

County Owned Parcels (Source: San Bernardino County)

| Attribute Name | Description   | Data Type     | Width | Precision | Scale | Alias    |
|----------------|---|---------------|-------|-----------|-------|----------|
| OBJECTID       | Internal feature number. (Source: ESRI)                     | OID           | 4     | 10        | 0     | OBJECTID |
| APN            | Assessor parcel number (Source: San Bernardino County)      | String        | 9     | 0         | 0     | APN      |
| APNCODE        | Assessor Parcel number code (Source: San Bernardino County) | String        | 1     | 0         | 0     | APNCODE  |
| CODENUM        | Code number (Source: San Bernardino County)                 | Small Integer | 2     | 5         | 0     | CODENUM  |
| DATENO         | Date number (Source: San Bernardino County)                 | Integer       | 4     | 10        | 0     | DATENO   |

|            |  |         |    |    |   |            |
|------------|--|---------|----|----|---|------------|
| OBJECTID_1 | Old Object ID number ( <i>Source: ESRI</i> )   | Integer | 4  | 10 | 0 | OBJECTID_1 |
| PARCEL_NBR | Parcel number ( <i>Source: San Bernardino County</i> )   | String  | 9  | 0  | 0 | PARCEL_NBR |
| OWNER_NAME | Owner of Parcel ( <i>Source: San Bernardino County</i> )   | String  | 36 | 0  | 0 | OWNER_NAME |
| SITUS_NBR  | Situs Address number ( <i>Source: San Bernardino County</i> )  | Double  | 8  | 10 | 0 | SITUS_NBR  |
| SITUS_PRED | Situs Predirectional (N, S, E, W) ( <i>Source: San Bernardino County</i> )                           | String  | 1  | 0  | 0 | SITUS_PRED |
| SITUS_NAME | Situs name of street ( <i>Source: San Bernardino County</i> )  | String  | 20 | 0  | 0 | SITUS_NAME |
| SITUS_TYPE | Situs street ending (ST, AVE, RD, etc) ( <i>Source: San Bernardino County</i> )                      | String  | 4  | 0  | 0 | SITUS_TYPE |
| SITUS_CITY | Situs City Name ( <i>Source: San Bernardino County</i> )   | String  | 20 | 0  | 0 | SITUS_CITY |
| SITUS_STAT | Situs State ( <i>Source: San Bernardino County</i> )   | String  | 2  | 0  | 0 | SITUS_STAT |
| SITUS_AREA | Situs Area - 3 letter abbreviation ( <i>Source: San Bernardino County</i> )                          | String  | 3  | 0  | 0 | SITUS_AREA |
| SITUS_ZIP  | Situs zip code ( <i>Source: San Bernardino County</i> )  | String  | 5  | 0  | 0 | SITUS_ZIP  |
| SITUS_ZIP_ | Situs zip code plus 4 number ( <i>Source: San Bernardino County</i> )                                | String  | 4  | 0  | 0 | SITUS_ZIP_ |
| OWNER_ADDR | Mailing owner address ( <i>Source: San Bernardino County</i> )                                       | String  | 60 | 0  | 0 | OWNER_ADDR |
| OWNER_CTYS | Mailing owner City, State and zip code ( <i>Source: San Bernardino County</i> )                      | String  | 60 | 0  | 0 | OWNER_CTYS |
| OWNER_PARS | Mailing owner address parsed (Y or N) ( <i>Source: San Bernardino County</i> )                       | String  | 1  | 0  | 0 | OWNER_PARS |
| OWNER_NBR  | Mailing owner address number ( <i>Source: San Bernardino County</i> )                                | Double  | 8  | 10 | 0 | OWNER_NBR  |
| OWNER_STRE | Mailing owner address street name ( <i>Source: San Bernardino County</i> )                           | String  | 20 | 0  | 0 | OWNER_STRE |
| OWNER_TYPE | Mailing owner address street ending type (ST, AVE, RD, etc) ( <i>Source: San Bernardino County</i> ) | String  | 4  | 0  | 0 | OWNER_TYPE |
| OWNER_PRED | Mailing owner address street predirectional (N, S, E, W) ( <i>Source: San Bernardino County</i> )    | String  | 1  | 0  | 0 | OWNER_PRED |
| OWNER_STAT | Mailing owner state ( <i>Source: San Bernardino County</i> )   | String  | 2  | 0  | 0 | OWNER_STAT |
| OWNER_CITY | Mailing owner city ( <i>Source: San Bernardino County</i> )  | String  | 16 | 0  | 0 | OWNER_CITY |
| OWNER_QUAL | Mailing owner qualifier (Unit, Suite number etc) ( <i>Source: San Bernardino County</i> )            | String  | 8  | 0  | 0 | OWNER_QUAL |
| OWNER_FRAC | Mailing owner fractional address number ( <i>Source: San Bernardino County</i> )                     | String  | 3  | 0  | 0 | OWNER_FRAC |

|            |   |          |    |    |   |            |
|------------|---|----------|----|----|---|------------|
| OWNER_FILL | Mailing owner fill ( <i>Source: San Bernardino County</i> )                   | String   | 22 | 0  | 0 | OWNER_FILL |
| OWNER_ZIP  | Mailing owner zip code ( <i>Source: San Bernardino County</i> )               | String   | 5  | 0  | 0 | OWNER_ZIP  |
| OWNER_ZIP_ | Mailing owner zip code plus 4 number ( <i>Source: San Bernardino County</i> ) | String   | 4  | 0  | 0 | OWNER_ZIP_ |
| TYPECODE   | Type code ( <i>Source: San Bernardino County</i> )                            | String   | 2  | 0  | 0 | TYPECODE   |
| TYPEACREAG | Type acreage ( <i>Source: San Bernardino County</i> )                         | String   | 1  | 0  | 0 | TYPEACREAG |
| TYPEUSE    | Type use (land use code) ( <i>Source: San Bernardino County</i> )             | String   | 3  | 0  | 0 | TYPEUSE    |
| LAND_VALUE | Land value ( <i>Source: San Bernardino County</i> )                           | String   | 9  | 0  | 0 | LAND_VALUE |
| IMPR_VALUE | Improvement value ( <i>Source: San Bernardino County</i> )                    | String   | 9  | 0  | 0 | IMPR_VALUE |
| PERS_VALUE | Pers. Value ( <i>Source: San Bernardino County</i> )                          | String   | 9  | 0  | 0 | PERS_VALUE |
| EXEM_VALUE | Exempt value ( <i>Source: San Bernardino County</i> )                         | String   | 9  | 0  | 0 | EXEM_VALUE |
| HOX_FLAG   | Home owners exemption flag (Y or N) ( <i>Source: San Bernardino County</i> )  | String   | 1  | 0  | 0 | HOX_FLAG   |
| ACREAGE    | Acreage ( <i>Source: San Bernardino County</i> )                              | Double   | 8  | 18 | 8 | ACREAGE    |
| BASE_YEAR  | Base Year ( <i>Source: San Bernardino County</i> )                            | Double   | 8  | 10 | 0 | BASE_YEAR  |
| TAX_STATUS | Tax Status ( <i>Source: San Bernardino County</i> )                           | String   | 1  | 0  | 0 | TAX_STATUS |
| TRA        | Tax Rate Area ( <i>Source: San Bernardino County</i> )                        | String   | 7  | 0  | 0 | TRA        |
| RESP_GROUP | RESP Group ( <i>Source: San Bernardino County</i> )                           | String   | 1  | 0  | 0 | RESP_GROUP |
| RESP_UNIT  | RESP unit ( <i>Source: San Bernardino County</i> )                            | String   | 3  | 0  | 0 | RESP_UNIT  |
| OBJECTID_2 | Old Object ID ( <i>Source: ESRI</i> )   | Integer  | 4  | 10 | 0 | OBJECTID_2 |
| FREQUENCY  | Frequency ( <i>Source: San Bernardino County</i> )                            | Double   | 8  | 10 | 0 | FREQUENCY  |
| OWNER_NA_1 | Owner Name of parcel ( <i>Source: San Bernardino County</i> )                 | String   | 36 | 0  | 0 | OWNER_NA_1 |
| FCD        | Flood Control District (Yes or No) ( <i>Source: San Bernardino County</i> )   | String   | 8  | 0  | 0 | FCD        |
| SHAPE      | Feature geometry. ( <i>Source: ESRI</i> )                                     | Geometry | 4  | 0  | 0 | Shape      |
| at         | No description ( <i>Source: San Bernardino County</i> )                       | String   | 10 | 0  | 0 | at         |
| agip       | No description ( <i>Source: San Bernardino County</i> )                       | String   | 10 | 0  | 0 | agip       |
| beh1       | No description ( <i>Source: San Bernardino County</i> )                       | String   | 10 | 0  | 0 | beh1       |

|            |                          |        |    |   |   |            |
|------------|--------------------------|--------|----|---|---|------------|
| beh2       | No description           | String | 10 | 0 | 0 | beh2       |
| beh3       | No description           | String | 10 | 0 | 0 | beh3       |
| beh4       | No description           | String | 10 | 0 | 0 | beh4       |
| bc         | No description           | String | 10 | 0 | 0 | bc         |
| bvs        | No description           | String | 10 | 0 | 0 | bvs        |
| cg         | No description           | String | 10 | 0 | 0 | cg         |
| cb         | No description           | String | 10 | 0 | 0 | cb         |
| cm         | No description           | String | 10 | 0 | 0 | cm         |
| co         | No description           | String | 10 | 0 | 0 | co         |
| ct         | No description           | String | 10 | 0 | 0 | ct         |
| ds         | No description           | String | 10 | 0 | 0 | ds         |
| dth1       | No description           | String | 10 | 0 | 0 | dth1       |
| dth2       | No description           | String | 10 | 0 | 0 | dth2       |
| dth3       | No description           | String | 10 | 0 | 0 | dth3       |
| lbv        | No description           | String | 10 | 0 | 0 | lbv        |
| mb         | No description           | String | 10 | 0 | 0 | mb         |
| mgs        | No description           | String | 10 | 0 | 0 | mgs        |
| mylf       | No description           | String | 10 | 0 | 0 | mylf       |
| pd         | No description           | String | 10 | 0 | 0 | pd         |
| rs         | No description           | String | 10 | 0 | 0 | rs         |
| sas        | No description           | String | 10 | 0 | 0 | sas        |
| sbb        | No description           | String | 10 | 0 | 0 | sbb        |
| sbkh       | No description           | String | 10 | 0 | 0 | sbkh       |
| smwb       | No description           | String | 10 | 0 | 0 | smwb       |
| srb        | No description           | String | 10 | 0 | 0 | srb        |
| wf         | No description           | String | 10 | 0 | 0 | wf         |
| dt         | No description           | String | 10 | 0 | 0 | dt         |
| SHAPE.area | Area (Source: ESRI)      | Double | 0  | 0 | 0 | Shape.area |
| SHAPE.len  | Perimeter (Source: ESRI) | Double | 0  | 0 | 0 | Shape.len  |

## Attributes of sde4csb.SDE.d\_Rivers\_San\_Bernardino

Type of object: Feature Class

| Attribute Name | Description                                  | Data Type | Width | Precision | Scale | Alias      |
|----------------|--|-----------|-------|-----------|-------|------------|
| OBJECTID_1     | Internal feature number. (Source: ESRI)      | OID       | 4     | 10        | 0     | OBJECTID_1 |
| OBJECTID       | Internal feature number.- old (Source: ESRI) | Double    | 8     | 10        | 0     | OBJECTID   |
| LENGTH         | Length of segment                            | Double    | 8     | 23        | 5     | LENGTH     |
| TDCKEY         | TDC Key                                      | Double    | 8     | 10        | 0     | TDCKEY     |
| RF3RCHID       | RF3RCHID                                     | String    | 17    | 0         | 0     | RF3RCHID   |



|            |                                  |          |     |    |   |            |
|------------|----------------------------------|----------|-----|----|---|------------|
| PNAME      | Waterway name                    | String   | 30  | 0  | 0 | PNAME      |
| PNMCD      | PNMCD                            | String   | 11  | 0  | 0 | PNMCD      |
| RFORGFLAG  | RFORG Flag                       | Integer  | 4   | 10 | 0 | RFORGFLAG  |
| UPDATE2    | UPDATE E                         | String   | 6   | 0  | 0 | UPDATE2    |
| UPDTCD2    | UPDTCD2                          | String   | 8   | 0  | 0 | UPDTCD2    |
| UPDTSRC2   | UPDTSRC2                         | String   | 8   | 0  | 0 | UPDTSRC2   |
| FILLER     | Filler                           | String   | 7   | 0  | 0 | FILLER     |
| WBID       | Water body ID                    | String   | 25  | 0  | 0 | WBID       |
| WBNAME     | Water body name                  | String   | 150 | 0  | 0 | WBNAME     |
| REGION_NUM | Regional board number            | String   | 14  | 0  | 0 | REGION_NUM |
| REGION_NAM | Regional board name              | String   | 19  | 0  | 0 | REGION_NAM |
| WBTYPE_ABB | Water body type abbreviation     | String   | 21  | 0  | 0 | WBTYPE_ABB |
| WBTYPE_NAM | Water body type name             | String   | 22  | 0  | 0 | WBTYPE_NAM |
| EPA_TMDL   | EPA TMDL                         | String   | 254 | 0  | 0 | EPA_TMDL   |
| Shape      | Feature geometry. (Source: ESRI) | Geometry | 4   | 0  | 0 | Shape      |
| Shape.len  | Length (Source: ESRI)            | Double   | 0   | 0  | 0 | Shape.len  |

## Attributes of sde4csb.SDE.d\_Waters\_San\_Bernardino

Type of object: Feature Class

Waterbodies in San Bernardino County

| Attribute Name | Description                                   | Data Type | Width | Precision | Scale | Alias      |
|----------------|---|-----------|-------|-----------|-------|------------|
| OBJECTID_1     | Internal feature number. (Source: ESRI)       | OID       | 4     | 10        | 0     | OBJECTID_1 |
| OBJECTID       | No description (Source: ESRI)                 | Double    | 8     | 10        | 0     | OBJECTID   |
| AREA_          | Area  | Double    | 8     | 23        | 5     | AREA_      |
| PERIMETER      | Perimeter                                     | Double    | 8     | 23        | 5     | PERIMETER  |
| LAKES_         | Lakes   | Double    | 8     | 11        | 0     | LAKES_     |
| LAKES_ID       | Lakes ID                                      | Double    | 8     | 11        | 0     | LAKES_ID   |
| WATER          | Water (Y)                                     | String    | 1     | 0         | 0     | WATER      |
| NAME           | Name of waterbody                             | String    | 47    | 0         | 0     | NAME       |
| WRCBLAKES      | WRCB Lakes                                    | Double    | 8     | 11        | 0     | WRCBLAKES  |
| GNIS_ID        | Geographic Names Information System (GNIS) ID | String    | 20    | 0         | 0     | GNIS_ID    |
| IFDKEY         | IFD Key                                       | Double    | 8     | 11        | 0     | IFDKEY     |
| WBID           | Waterbody ID                                  | String    | 25    | 0         | 0     | WBID       |
| WBNAME         | Waterbody Name                                | String    | 150   | 0         | 0     | WBNAME     |
| REGION_NUM     | Regional Board Number                         | String    | 14    | 0         | 0     | REGION_NUM |
| REGION_NAM     | Regional Board Name                           | String    | 19    | 0         | 0     | REGION_NAM |
| WBTYPE_ABB     | Waterbody type abbreviation (B, E, L, S, T)   | String    | 21    | 0         | 0     | WBTYPE_ABB |

|            |   |          |     |   |   |            |
|------------|---|----------|-----|---|---|------------|
| WBTYPE_NAM | Waterbody type (Lake/Reservoirs, Bays and Harbors, Estuaries, Saline Lakes, Wetlands/Tidal) | String   | 22  | 0 | 0 | WBTYPE_NAM |
| EPA_TMDL   | EPA TMDL  | String   | 254 | 0 | 0 | EPA_TMDL   |
| Shape      | Feature geometry. (Source: ESRI)  | Geometry | 4   | 0 | 0 | Shape      |
| Shape.area | Area (Source: ESRI)   | Double   | 0   | 0 | 0 | Shape.area |
| Shape.len  | Perimeter length (Source: ESRI)   | Double   | 0   | 0 | 0 | Shape.len  |

## Attributes of FCD\_Zones

Type of object: Feature Class

Flood Control Zones (Source: San Bernardino County)

| Attribute Name             | Description  | Data Type    | Width | Precision | Scale | Alias                      |
|----------------------------|--|--------------|-------|-----------|-------|----------------------------|
| OBJECTID                   | Internal feature number. (Source: ESRI)                    | OID          | 4     | 10        | 0     | OBJECTID                   |
| sde4csb.SDE.FCD_Zones.AREA | Area (Source: San Bernardino County)                       | Double       | 8     | 38        | 8     | sde4csb.SDE.FCD_Zones.AREA |
| PERIMETER                  | Perimeter (Source: San Bernardino County)                  | Double       | 8     | 38        | 8     | PERIMETER                  |
| CNTY_BNDY_                 | County district number (Source: San Bernardino County)     | Integer      | 4     | 10        | 0     | CNTY_BNDY_                 |
| CNTY_BNDY1                 | County Boundary number (1) (Source: San Bernardino County) | Integer      | 4     | 10        | 0     | CNTY_BNDY1                 |
| CNTY                       | County Abbreviation (Source: San Bernardino County)        | String       | 3     | 0         | 0     | CNTY                       |
| NAME                       | County Name (Source: San Bernardino County)                | String       | 25    | 0         | 0     | NAME                       |
| Zone                       | Flood District Zone Number (Source: San Bernardino County) | SmallInteger | 2     | 5         | 0     | Zone                       |
| Shape                      | Feature geometry. (Source: ESRI)                           | Geometry     | 4     | 0         | 0     | Shape                      |
| Shape.area                 | Area (Source: ESRI)  | Double       | 0     | 0         | 0     | Shape.area                 |
| Shape.len                  | Perimeter (Source: ESRI)                                   | Double       | 0     | 0         | 0     | Shape.len                  |

## Attributes of sde4csb.SDE.fws\_Arroyo\_Toad

Type of object: Feature Class

Arroyo Toad (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)

| Attribute Name | Description   | Data Type | Width | Precision | Scale | Alias      |
|----------------|---|-----------|-------|-----------|-------|------------|
| OBJECTID       | Internal feature number. (Source: ESRI)   | OID       | 4     | 10        | 0     | OBJECTID   |
| AREA_          | Area (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)                                  | Double    | 8     | 38        | 8     | AREA_      |
| PERIMETER      | Perimeter (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)                             | Double    | 8     | 38        | 8     | PERIMETER  |
| ARTO_FCH27     | Arroyo Toad Final Critical Habitat 27 (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office) | Integer   | 4     | 10        | 0     | ARTO_FCH27 |

|            |   |          |    |    |   |            |
|------------|---|----------|----|----|---|------------|
|            | Service, Carlsbad Fish and Wildlife Office)   |          |    |    |   |            |
| ARTO_FCH_1 | Arroyo Toad Final Critical Habitat 1 ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | Integer  | 4  | 10 | 0 | ARTO_FCH_1 |
| CNAME      | Common name of the species. ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String   | 50 | 0  | 0 | CNAME      |
| SNAME      | Scientific name of the species. ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String   | 50 | 0  | 0 | SNAME      |
| SPP_CODE   | Species code for the species in the U.S. Fish and Wildlife Service's Environmental Conservation Online System (ECOS). ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)                         | String   | 10 | 0  | 0 | SPP_CODE   |
| ORG_CODE   | Organization code of the U.S. Fish and Wildlife Service office in Carlsbad, CA, which is the contact office for this critical habitat project ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office) | String   | 10 | 0  | 0 | ORG_CODE   |
| UNIT_NUM   | Unit number of critical habitat unit. ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String   | 10 | 0  | 0 | UNIT_NUM   |
| SUBUNIT    | Subunit letter of critical habitat subunit, if any. ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String   | 10 | 0  | 0 | SUBUNIT    |
| UNIT_NAME  | Name of critical habitat unit or subunit. ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String   | 50 | 0  | 0 | UNIT_NAME  |
| STATUS     | "FINAL CRITICAL HABITAT" means that the polygon is included in the final critical habitat designation for the species. ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)                        | String   | 30 | 0  | 0 | STATUS     |
| SHAPE      | Feature geometry. ( <i>Source:</i> ESRI)  | Geometry | 4  | 0  | 0 | Shape      |
| SHAPE.area | Area ( <i>Source:</i> ESRI)   | Double   | 0  | 0  | 0 | SHAPE.area |
| SHAPE.len  | Perimeter length ( <i>Source:</i> ESRI)   | Double   | 0  | 0  | 0 | SHAPE.len  |

## Attributes of sde4csb.SDE.fws\_ash\_gray\_indian\_paintbrush

Type of object: Feature Class

Ash gray indian paintbrush (*Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office*)

| Attribute Name | Description  | Data Type | Width | Output Width | Precision | Scale | Alias      |
|----------------|--|-----------|-------|--------------|-----------|-------|------------|
| OBJECTID       | Internal feature number. ( <i>Source: ESRI</i> )   | OID       | 4     | ---          | 10        | 0     | OBJECTID   |
| UNIT_NUM       | Unit number of critical habitat unit. ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )   | String    | 10    | 10           | 0         | 0     | UNIT_NUM   |
| Shape          | Feature geometry. ( <i>Source: ESRI</i> )  | Double    | 8     | ---          | 38        | 8     | PERIMETER  |
| PERIMETER      | Perimeter of feature in internal units. ( <i>Source: ESRI</i> )  | String    | 50    | 18           | 0         | 0     | CNAME      |
| CNAME          | Common name of the species. ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )   | String    | 50    | 50           | 0         | 0     | SNAME      |
| SNAME          | Scientific name of the species. ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )   | String    | 10    | 50           | 0         | 0     | SPP_CODE   |
| SPP_CODE       | Species code for the species in the U.S. Fish and Wildlife Service's Environmental Conservation Online System (ECOS). ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )                         | String    | 10    | 10           | 0         | 0     | ORG_CODE   |
| ORG_CODE       | Organization code of the U.S. Fish and Wildlife Service office in Carlsbad, CA, which is the contact office for this critical habitat project ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> ) | String    | 10    | 10           | 0         | 0     | SUBUNIT    |
| SUBUNIT        | Subunit letter of critical habitat subunit, if any. ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )   | Double    | 8     | 10           | 38        | 8     | AREA_      |
| AREA_          | No description   | String    | 50    | ---          | 0         | 0     | UNIT_NAME  |
| UNIT_NAME      | Name of critical habitat unit or subunit. ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )   | Integer   | 4     | 50           | 10        | 0     | CACI_FCH27 |
| CACI_FCH27     | CACI FCH 27 ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )   | String    | 30    | ---          | 0         | 0     | STATUS     |
| STATUS         | "FINAL CRITICAL HABITAT" means that the polygon is included in the final critical habitat designation for the species. ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )                        | Integer   | 4     | 30           | 10        | 0     | CACI_FCH_1 |
| CACI_FCH_1     | CACI FCH 1 ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )  | Double    | 0     | ---          | 0         | 0     | SHAPE.len  |
| SHAPE          | Feature geometry. ( <i>Source: ESRI</i> )  | Double    | 0     | ---          | 0         | 0     | SHAPE.area |

|           |                                |          |   |     |   |   |       |
|-----------|--------------------------------|----------|---|-----|---|---|-------|
| SHAPE.len | Length ( <i>Source</i> : ESRI) | Geometry | 4 | --- | 0 | 0 | Shape |
|-----------|--------------------------------|----------|---|-----|---|---|-------|

## Attributes of sde4csb.SDE.fws\_bear\_valley\_sandwort

*Type of object*: Feature Class

Bear Valley Sandwort (*Source*: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)

| Attribute Name | Description   | Data Type | Width | Output Width | Precision | Scale | Alias      |
|----------------|---|-----------|-------|--------------|-----------|-------|------------|
| OBJECTID       | Internal feature number. ( <i>Source</i> : ESRI)  | OID       | 4     | ---          | 10        | 0     | OBJECTID   |
| UNIT_NUM       | Unit number of critical habitat unit. ( <i>Source</i> : U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | String    | 10    | 10           | 0         | 0     | UNIT_NUM   |
| Shape          | Feature geometry. ( <i>Source</i> : ESRI)   | Double    | 8     | ---          | 38        | 8     | PERIMETER  |
| PERIMETER      | Perimeter of feature in internal units. ( <i>Source</i> : U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | String    | 50    | 18           | 0         | 0     | CNAME      |
| CNAME          | Common name of the species. ( <i>Source</i> : U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | String    | 50    | 50           | 0         | 0     | SNAME      |
| SNAME          | Scientific name of the species. ( <i>Source</i> : U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | String    | 10    | 50           | 0         | 0     | SPP_CODE   |
| SPP_CODE       | Species code for the species in the U.S. Fish and Wildlife Service's Environmental Conservation Online System (ECOS). ( <i>Source</i> : U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)                          | String    | 10    | 10           | 0         | 0     | ORG_CODE   |
| ORG_CODE       | Organization code of the U.S. Fish and Wildlife Service office in Carlsbad, CA, which is the contact office for this critical habitat project. ( <i>Source</i> : U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office) | String    | 10    | 10           | 0         | 0     | SUBUNIT    |
| SUBUNIT        | Subunit letter of critical habitat subunit, if any. ( <i>Source</i> : U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | Double    | 8     | 10           | 38        | 8     | AREA_      |
| AREA_          | Area ( <i>Source</i> : U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String    | 50    | ---          | 0         | 0     | UNIT_NAME  |
| UNIT_NAME      | Name of critical habitat unit or subunit. ( <i>Source</i> : U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | Integer   | 4     | 50           | 10        | 0     | ARUR_FCH27 |
| ARUR_FCH27     | Arenaria Ursina Final Critical Habitat 27 ( <i>Source</i> : U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | String    | 30    | ---          | 0         | 0     | STATUS     |
| STATUS         | "FINAL CRITICAL HABITAT" means that the polygon is included in the final  | Integer   | 4     | 30           | 10        | 0     | ARUR_FCH_1 |

|            |   |          |   |     |   |   |            |
|------------|---|----------|---|-----|---|---|------------|
|            | critical habitat designation for the species. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office) |          |   |     |   |   |            |
| ARUR_FCH_1 | Arenaria Ursina Final Critical Habitat 27 (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)     | Double   | 0 | --- | 0 | 0 | SHAPE.len  |
| SHAPE      | Feature geometry. (Source: ESRI)  | Double   | 0 | --- | 0 | 0 | SHAPE.area |
| SHAPE.len  | Feature geometry. (Source: ESRI)  | Geometry | 4 | --- | 0 | 0 | Shape      |

### Attributes of sde4csb.SDE.fws\_Bonytail\_Chub

Type of object: Feature Class

Bonytail Chub (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and wildlife Office)

| Attribute Name | Description  | Data Type | Width | Precision | Scale | Alias      |
|----------------|--|-----------|-------|-----------|-------|------------|
| OBJECTID       | Internal feature number. (Source: ESRI)  | OID       | 4     | 10        | 0     | OBJECTID   |
| STATE          | State (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)                | String    | 50    | 0         | 0     | STATE      |
| COUNTY         | County location (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)      | String    | 200   | 0         | 0     | COUNTY     |
| RIVER          | River name (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)           | String    | 50    | 0         | 0     | RIVER      |
| COMPLEX        | Complex number (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)       | String    | 20    | 0         | 0     | COMPLEX    |
| UNIT           | Unit (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)                 | String    | 10    | 0         | 0     | UNIT       |
| NAME           | Name of species (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)      | String    | 50    | 0         | 0     | NAME       |
| DESCRIP        | Description of range (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office) | String    | 200   | 0         | 0     | DESCRIP    |
| LENGTH_MI      | Length in miles (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)      | Double    | 8     | 38        | 8     | LENGTH_MI  |
| SHAPE          | Feature geometry. (Source: ESRI)   | Geometry  | 4     | 0         | 0     | Shape      |
| SHAPE.area     | Area (Source: ESRI)  | Double    | 0     | 0         | 0     | SHAPE.area |
| SHAPE.len      | Perimeter (Source: ESRI)   | Double    | 0     | 0         | 0     | SHAPE.len  |

### Attributes of sde4csb.SDE.fws\_calif\_gnatcatcher

Type of object: Feature Class

California Gnatcatcher (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)

| Attribute Name | Description   | Data Type | Width | Output Width | Precision | Scale | Alias    |
|----------------|---|-----------|-------|--------------|-----------|-------|----------|
| Shape          | Feature geometry. (Source: ESRI)  | String    | 50    | ---          | 0         | 0     | CNAME    |
| CNAME          | Common name of the species. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office) | String    | 50    | 50           | 0         | 0     | SNAME    |
| SNAME          | Scientific name of the species. (Source: U.S. Fish and Wildlife Service, Carlsbad                       | String    | 10    | 50           | 0         | 0     | SPP_CODE |

|           |   |          |    |     |    |   |            |
|-----------|---|----------|----|-----|----|---|------------|
|           | Fish and Wildlife Office)   |          |    |     |    |   |            |
| SPP_CODE  | Species code for the species in the U.S. Fish and Wildlife Service's Environmental Conservation Online System (ECOS). (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String   | 10 | 10  | 0  | 0 | SUBUNIT    |
| SUBUNIT   | Subunit letter of critical habitat subunit, if any. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String   | 50 | 10  | 0  | 0 | UNIT_NAME  |
| UNIT_NAME | Name of critical habitat unit or subunit. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String   | 30 | 50  | 0  | 0 | STATUS     |
| STATUS    | "EXCLUDED ESSENTIAL HABITAT" means that the polygon is habitat for the species, but was excluded from the critical habitat. "EXEMPT FROM CRITICAL HABITAT" means that the polygon is essential habitat for the species, but was exempt from critical habitat due to military preparedness and training. "FINAL CRITICAL HABITAT" means that the polygon is included in the final critical habitat designation for the species. "OUT/NOT HABITAT" means that the polygon is not habitat for the species. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office) | String   | 10 | 30  | 0  | 0 | UNIT_NUM   |
| UNIT_NUM  | Unit number of critical habitat unit. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | OID      | 4  | 10  | 10 | 0 | OBJECTID   |
| OBJECTID  | Internal feature number. (Source: ESRI)   | String   | 10 | --- | 0  | 0 | ORG_CODE   |
| ORG_CODE  | Organization code of the U.S. Fish and Wildlife Service office in Carlsbad, CA, which is the contact office for this critical habitat project. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | Double   | 0  | 10  | 0  | 0 | SHAPE.len  |
| SHAPE     | Feature geometry. (Source: ESRI)  | Double   | 0  | --- | 0  | 0 | SHAPE.area |
| SHAPE.len | Perimeter (Source: ESRI)  | Geometry | 4  | --- | 0  | 0 | Shape      |

## Attributes of sde4csb.SDE.fws\_calif\_taraxacum

Type of object: Feature Class

Calif taraxacum (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)

| Attribute Name | Description                             | Data Type | Width | Precision | Scale | Alias    |
|----------------|---|-----------|-------|-----------|-------|----------|
| Shape          | Feature geometry. (Source: ESRI)        | OID       | 4     | 10        | 0     | OBJECTID |
| OBJECTID       | Internal feature number. (Source: ESRI) | String    | 50    | 0         | 0     | CNAME    |

|           |  |          |    |   |   |            |
|-----------|--|----------|----|---|---|------------|
| CNAME     | Common name of the species. ( <i>Source</i> : U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String   | 50 | 0 | 0 | SNAME      |
| SNAME     | Scientific name of the species. ( <i>Source</i> : U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String   | 10 | 0 | 0 | SPP_CODE   |
| SPP_CODE  | Species code for the species in the U.S. Fish and Wildlife Service's Environmental Conservation Online System (ECOS). ( <i>Source</i> : U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)                         | String   | 10 | 0 | 0 | ORG_CODE   |
| ORG_CODE  | Organization code of the U.S. Fish and Wildlife Service office in Carlsbad, CA, which is the contact office for this critical habitat project ( <i>Source</i> : U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office) | String   | 10 | 0 | 0 | UNIT_NUM   |
| UNIT_NUM  | Unit number of critical habitat unit. ( <i>Source</i> : U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String   | 10 | 0 | 0 | SUBUNIT    |
| SUBUNIT   | Subunit letter of critical habitat subunit, if any. ( <i>Source</i> : U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String   | 50 | 0 | 0 | UNITNAME   |
| UNITNAME  | Name of critical habitat unit or subunit. ( <i>Source</i> : U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String   | 30 | 0 | 0 | STATUS     |
| STATUS    | "FINAL CRITICAL HABITAT" means that the polygon is included in the final critical habitat designation for the species. ( <i>Source</i> : U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)                        | Double   | 0  | 0 | 0 | SHAPE.len  |
| SHAPE     | Feature geometry. ( <i>Source</i> : ESRI)  | Double   | 0  | 0 | 0 | SHAPE.area |
| SHAPE.len | Perimeter ( <i>Source</i> : ESRI)  | Geometry | 4  | 0 | 0 | Shape      |

## Attributes of taca\_fch27.pat

Type of object: Feature Class

| Attribute Name | Description   | Data Type | Width | Output Width | Decimals | Precision | Scale | Alias |
|----------------|---|-----------|-------|--------------|----------|-----------|-------|-------|
| FID            | Internal feature number. ( <i>Source</i> : ESRI)  | OID       | 4     | ---          | ---      | 0         | 0     | FID   |
| Shape          | Feature geometry. ( <i>Source</i> : ESRI)   | Geometry  | 0     | ---          | ---      | 0         | 0     | Shape |
| AREA           | Area of feature in internal units squared. ( <i>Source</i> : ESRI)  | Float     | 8     | 18           | 5        | ---       | ---   | ---   |
| PERIMETER      | Perimeter of feature in internal units. ( <i>Source</i> : ESRI)   | Float     | 8     | 18           | 5        | ---       | ---   | ---   |
| TACA_FCH27#    | Tarazacum californicum Final Critical Habitat 27 ( <i>Source</i> : U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office) | Binary    | 4     | 5            | ---      | ---       | ---   | ---   |



|               |  |           |    |    |     |     |     |     |
|---------------|--|-----------|----|----|-----|-----|-----|-----|
| TACA_FCH27-ID | Tarazacum californicum Final Critical Habitat DI ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | Binary    | 4  | 5  | --- | --- | --- | --- |
| CNAME         | Common name of the species. ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | Character | 50 | 50 | --- | --- | --- | --- |
| SNAME         | Scientific name of the species. ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | Character | 50 | 50 | --- | --- | --- | --- |
| SPP_CODE      | Species code for the species in the U.S. Fish and Wildlife Service's Environmental Conservation Online System (ECOS). ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | Character | 10 | 10 | --- | --- | --- | --- |
| ORG_CODE      | Organization code of the U.S. Fish and Wildlife Service office in Carlsbad, CA, which is the contact office for this critical habitat project. ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | Character | 10 | 10 | --- | --- | --- | --- |
| UNIT_NUM      | Unit number of critical habitat unit. ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | Character | 10 | 10 | --- | --- | --- | --- |
| SUBUNIT       | Subunit letter of critical habitat subunit, if any. ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | Character | 10 | 10 | --- | --- | --- | --- |
| UNITNAME      | Name of critical habitat unit or subunit. ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | Character | 50 | 50 | --- | --- | --- | --- |
| STATUS        | "FINAL CRITICAL HABITAT" means that the polygon is included in the final critical habitat designation for the species. "EXCLUDED HABITAT" means that the polygon is habitat for the species, but was excluded from the critical habitat. ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office) | Character | 30 | 30 | --- | --- | --- | --- |

## Attributes of sde4csb.SDE.fws\_Cushenbury\_Buckwheat

*Type of object:* Feature Class

Cushenbury Buckwheat (*Source:* U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)

| Attribute Name | Description   | Data Type | Width | Precision | Scale | Alias      |
|----------------|---|-----------|-------|-----------|-------|------------|
| OBJECTID       | Internal feature number. ( <i>Source:</i> ESRI)   | OID       | 4     | 10        | 0     | OBJECTID   |
| AREA_          | Area ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)      | Double    | 8     | 38        | 8     | AREA_      |
| PERIMETER      | Perimeter ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office) | Double    | 8     | 38        | 8     | PERIMETER  |
| EROVV_FCH2     | Eriogonum ovalifolium var. vineum   | Integer   | 4     | 10        | 0     | EROVV_FCH2 |

|            |  |          |    |    |   |            |
|------------|--|----------|----|----|---|------------|
|            | (Cushenbury Buckwheat) Final Critical Habitat 2 ( <i>Source</i> : U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   |          |    |    |   |            |
| EROVV_FC_1 | Eriogonum ovalifolium var. vineum (Cushenbury Buckwheat) Final Critical Habitat 1 ( <i>Source</i> : U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | Integer  | 4  | 10 | 0 | EROVV_FC_1 |
| CNAME      | Common name of the species. ( <i>Source</i> : U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String   | 50 | 0  | 0 | CNAME      |
| SNAME      | Scientific name of the species. ( <i>Source</i> : U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String   | 50 | 0  | 0 | SNAME      |
| SPP_CODE   | Species code for the species in the U.S. Fish and Wildlife Service's Environmental Conservation Online System (ECOS). ( <i>Source</i> : U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)                         | String   | 10 | 0  | 0 | SPP_CODE   |
| ORG_CODE   | Organization code of the U.S. Fish and Wildlife Service office in Carlsbad, CA, which is the contact office for this critical habitat project ( <i>Source</i> : U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office) | String   | 10 | 0  | 0 | ORG_CODE   |
| UNIT_NUM   | No description   | String   | 10 | 0  | 0 | UNIT_NUM   |
| SUBUNIT    | Subunit letter of critical habitat subunit, if any. ( <i>Source</i> : U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String   | 10 | 0  | 0 | SUBUNIT    |
| UNIT_NAME  | Name of critical habitat unit or subunit. ( <i>Source</i> : U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String   | 50 | 0  | 0 | UNIT_NAME  |
| STATUS     | "FINAL CRITICAL HABITAT" means that the polygon is included in the final critical habitat designation for the species. ( <i>Source</i> : U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)                        | String   | 30 | 0  | 0 | STATUS     |
| SHAPE      | Feature geometry. ( <i>Source</i> : ESRI)  | Geometry | 4  | 0  | 0 | Shape      |
| SHAPE.area | Area ( <i>Source</i> : ESRI)   | Double   | 0  | 0  | 0 | SHAPE.area |
| SHAPE.len  | Perimeter ( <i>Source</i> : ESRI)  | Double   | 0  | 0  | 0 | SHAPE.len  |

## Attributes of sde4csb.SDE.fws\_Cushenbury\_Milk\_vetch

*Type of object*: Feature Class

Cushenbury Milk-vetch (*Source*: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)

| Attribute Name | Description  | Data Type | Width | Precision | Scale | Alias      |
|----------------|--|-----------|-------|-----------|-------|------------|
| OBJECTID       | Internal feature number. ( <i>Source</i> : ESRI)   | OID       | 4     | 10        | 0     | OBJECTID   |
| AREA_          | Area ( <i>Source</i> : U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)                    | Double    | 8     | 38        | 8     | AREA_      |
| PERIMETER      | Perimeter ( <i>Source</i> : U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)               | Double    | 8     | 38        | 8     | PERIMETER  |
| ASAL_FCH27     | Astragalus Albens (Cushenbury Milk-vetch) Final Critical Habitat 27 ( <i>Source</i> : U.S. Fish and Wildlife | Integer   | 4     | 10        | 0     | ASAL_FCH27 |

|            |   |          |    |    |   |            |
|------------|---|----------|----|----|---|------------|
|            | Service, Carlsbad Fish and Wildlife Office)   |          |    |    |   |            |
| ASAL_FCH_1 | Astragalus Albens (Cushenbury Milk-vetch) Final Critical Habitat 1 ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | Integer  | 4  | 10 | 0 | ASAL_FCH_1 |
| CNAME      | Common name of the species. ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String   | 50 | 0  | 0 | CNAME      |
| SNAME      | Scientific name of the species. ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String   | 50 | 0  | 0 | SNAME      |
| SPP_CODE   | Species code for the species in the U.S. Fish and Wildlife Service's Environmental Conservation Online System (ECOS). ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)                         | String   | 10 | 0  | 0 | SPP_CODE   |
| ORG_CODE   | Organization code of the U.S. Fish and Wildlife Service office in Carlsbad, CA, which is the contact office for this critical habitat project ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office) | String   | 10 | 0  | 0 | ORG_CODE   |
| UNIT_NUM   | Unit number of critical habitat unit. ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String   | 10 | 0  | 0 | UNIT_NUM   |
| SUBUNIT    | Subunit letter of critical habitat subunit, if any. ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String   | 10 | 0  | 0 | SUBUNIT    |
| UNIT_NAME  | Name of critical habitat unit or subunit. ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String   | 50 | 0  | 0 | UNIT_NAME  |
| STATUS     | "FINAL CRITICAL HABITAT" means that the polygon is included in the final critical habitat designation for the species. ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)                        | String   | 30 | 0  | 0 | STATUS     |
| SHAPE      | Feature geometry. ( <i>Source:</i> ESRI)  | Geometry | 4  | 0  | 0 | Shape      |
| SHAPE.area | Area ( <i>Source:</i> ESRI)   | Double   | 0  | 0  | 0 | SHAPE.area |
| SHAPE.len  | Perimeter ( <i>Source:</i> ESRI)  | Double   | 0  | 0  | 0 | SHAPE.len  |

## Attributes of sde4csb.SDE.fws\_Cushenbury\_Oxytheca

*Type of object:* Feature Class

Cushenbury Oxytheca (*Source:* U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)

| Attribute Name | Description   | Data Type | Width | Precision | Scale | Alias     |
|----------------|---|-----------|-------|-----------|-------|-----------|
| OBJECTID       | Internal feature number. ( <i>Source:</i> ESRI)   | OID       | 4     | 10        | 0     | OBJECTID  |
| AREA_          | Area ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | Double    | 8     | 38        | 8     | AREA_     |
| PERIMETER      | Perimeter ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | Double    | 8     | 38        | 8     | PERIMETER |
| XPAG_FCH2      | Oxytheca Parishii Var. Goodmania (Cushenbury Oxytheca) Final Critical Habitat 2 ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office) | Integer   | 4     | 10        | 0     | XPAG_FCH2 |

|            |  |          |    |    |   |            |
|------------|--|----------|----|----|---|------------|
| OXPAG_FC_1 | Oxytheca Parishii Var. Goodmaniana (Cushenbury Oxytheca) Final Critical Habitat 1 ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )   | Integer  | 4  | 10 | 0 | OXPAG_FC_1 |
| CNAME      | Common name of the species. ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )   | String   | 50 | 0  | 0 | CNAME      |
| SNAME      | Scientific name of the species. ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )   | String   | 50 | 0  | 0 | SNAME      |
| SPP_CODE   | Species code for the species in the U.S. Fish and Wildlife Service's Environmental Conservation Online System (ECOS). ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )                         | String   | 10 | 0  | 0 | SPP_CODE   |
| ORG_CODE   | Organization code of the U.S. Fish and Wildlife Service office in Carlsbad, CA, which is the contact office for this critical habitat project ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> ) | String   | 10 | 0  | 0 | ORG_CODE   |
| UNIT_NUM   | Unit number of critical habitat unit. ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )   | String   | 10 | 0  | 0 | UNIT_NUM   |
| SUBUNIT    | Subunit letter of critical habitat subunit, if any. ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )   | String   | 10 | 0  | 0 | SUBUNIT    |
| UNIT_NAME  | Name of critical habitat unit or subunit. ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )   | String   | 50 | 0  | 0 | UNIT_NAME  |
| STATUS     | "FINAL CRITICAL HABITAT" means that the polygon is included in the final critical habitat designation for the species. ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )                        | String   | 30 | 0  | 0 | STATUS     |
| SHAPE      | Feature geometry. ( <i>Source: ESRI</i> )  | Geometry | 4  | 0  | 0 | Shape      |
| SHAPE.area | Area ( <i>Source: ESRI</i> )   | Double   | 0  | 0  | 0 | SHAPE.area |
| SHAPE.len  | Perimeter ( <i>Source: ESRI</i> )  | Double   | 0  | 0  | 0 | SHAPE.len  |

## Attributes of sde4csb.SDE.fws\_Desert\_Tortoise

Type of object: Feature Class

Desert Tortoise (*Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office*)

| Attribute Name | Description   | Data Type | Width | Precision | Scale | Alias      |
|----------------|---|-----------|-------|-----------|-------|------------|
| OBJECTID       | Internal feature number. ( <i>Source: ESRI</i> )  | OID       | 4     | 10        | 0     | OBJECTID   |
| AREA_          | Area ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )       | Double    | 8     | 38        | 8     | AREA_      |
| PERIMETER      | Perimeter ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )  | Double    | 8     | 38        | 8     | PERIMETER  |
| MOJAVE_CHU     | Mojave CHU ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> ) | Integer   | 4     | 10        | 0     | MOJAVE_CHU |

|            |   |          |    |    |   |            |
|------------|---|----------|----|----|---|------------|
| MOJAVE_C_1 | Mojave C 1 ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> ) | Integer  | 4  | 10 | 0 | MOJAVE_C_1 |
| MOJAVE_CU_ | Mojave CU ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )  | Integer  | 4  | 10 | 0 | MOJAVE_CU_ |
| MOJAVE_C1  | Mojave C1 ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )  | Integer  | 4  | 10 | 0 | MOJAVE_C1  |
| FCHAZ_     | FCHAZ ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )      | Integer  | 4  | 10 | 0 | FCHAZ_     |
| FCHAZ_ID   | FCHAZ ID ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )   | Integer  | 4  | 10 | 0 | FCHAZ_ID   |
| CHU_CODE   | CHU code ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )   | String   | 40 | 0  | 0 | CHU_CODE   |
| X_CENTROID | X centroid ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> ) | Double   | 8  | 38 | 8 | X_CENTROID |
| Y_CENTROID | Y centroid ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> ) | Double   | 8  | 38 | 8 | Y_CENTROID |
| SHAPE      | Feature geometry. ( <i>Source: ESRI</i> )   | Geometry | 4  | 0  | 0 | Shape      |
| SHAPE.AREA | No description ( <i>Source: ESRI</i> )  | Double   | 0  | 0  | 0 | SHAPE.area |
| SHAPE.LEN  | No description ( <i>Source: ESRI</i> )  | Double   | 0  | 0  | 0 | SHAPE.len  |

## Attributes of sde4csb.SDE.fws\_leastBell\_Vireo

Type of object: Feature Class

Least Bell's Vireo (*Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office*)

| Attribute Name | Description  | Data Type | Width | Precision | Scale | Alias      |
|----------------|--|-----------|-------|-----------|-------|------------|
| OBJECTID       | Internal feature number. ( <i>Source: ESRI</i> )   | OID       | 4     | 10        | 0     | OBJECTID   |
| AREA_          | Area ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )  | Double    | 8     | 38        | 8     | AREA_      |
| PERIMETER      | Perimeter ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )   | Double    | 8     | 38        | 8     | PERIMETER  |
| LBV_FCH83_     | Vireo Bellii Pusillus (Least Bell's Vireo) Final Critical Habitat 83 ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )  | Integer   | 4     | 10        | 0     | LBV_FCH83_ |
| LBV_FCH831     | Vireo Bellii Pusillus (Least Bell's Vireo) Final Critical Habitat 831 ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )   | Integer   | 4     | 10        | 0     | LBV_FCH831 |
| CNAME          | Common name of the species. ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )   | String    | 50    | 0         | 0     | CNAME      |
| SNAME          | Scientific name of the species. ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )   | String    | 50    | 0         | 0     | SNAME      |
| SPP_CODE       | Species code for the species in the U.S. Fish and Wildlife Service's Environmental Conservation Online System (ECOS). ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> ) | String    | 10    | 0         | 0     | SPP_CODE   |
| ORG_CODE       | Organization code of the U.S. Fish and Wildlife Service office in Carlsbad, CA, which is the   | String    | 10    | 0         | 0     | ORG_CODE   |

|            |  |          |    |   |   |            |
|------------|--|----------|----|---|---|------------|
|            | contact office for this critical habitat project<br>( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  |          |    |   |   |            |
| UNIT_NUM   | Unit number of critical habitat unit. ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | String   | 10 | 0 | 0 | UNIT_NUM   |
| SUBUNIT    | Subunit letter of critical habitat subunit, if any.<br>( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String   | 10 | 0 | 0 | SUBUNIT    |
| UNIT_NAME  | Name of critical habitat unit or subunit. ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | String   | 50 | 0 | 0 | UNIT_NAME  |
| STATUS     | "FINAL CRITICAL HABITAT" means that the polygon is included in the final critical habitat designation for the species. ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office) | String   | 30 | 0 | 0 | STATUS     |
| SHAPE      | Feature geometry. ( <i>Source:</i> ESRI)   | Geometry | 4  | 0 | 0 | Shape      |
| SHAPE.area | Area ( <i>Source:</i> ESRI)  | Double   | 0  | 0 | 0 | SHAPE.area |
| SHAPE.len  | Perimeter ( <i>Source:</i> ESRI)   | Double   | 0  | 0 | 0 | SHAPE.len  |

## Attributes of sde4csb.SDE.fws\_Merriam\_K\_Rat

*Type of object:* Feature Class

San Bernardino Kangaroo Rat (*Source:* U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)

| Attribute Name | Description   | Data Type | Width | Precision | Scale | Alias      |
|----------------|---|-----------|-------|-----------|-------|------------|
| OBJECTID       | Internal feature number. ( <i>Source:</i> ESRI)   | OID       | 4     | 10        | 0     | OBJECTID   |
| AREA_          | Area ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | Double    | 8     | 38        | 8     | AREA_      |
| PERIMETER      | Perimeter ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | Double    | 8     | 38        | 8     | PERIMETER  |
| SBKR_FCH27     | San Bernardino Kangaroo Rat FCH 27 ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | Integer   | 4     | 10        | 0     | SBKR_FCH27 |
| SBKR_FCH_1     | San Bernardino Kangaroo Rat FCH 1 ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | Integer   | 4     | 10        | 0     | SBKR_FCH_1 |
| CNAME          | Common name of the species. ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String    | 50    | 0         | 0     | CNAME      |
| SNAME          | Scientific name of the species. ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String    | 50    | 0         | 0     | SNAME      |
| SPP_CODE       | Species code for the species in the U.S. Fish and Wildlife Service's Environmental Conservation Online System (ECOS). ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office) | String    | 10    | 0         | 0     | SPP_CODE   |
| ORG_CODE       | Organization code of the U.S. Fish and Wildlife Service office in Carlsbad, CA, which is the contact office for this critical habitat project   | String    | 10    | 0         | 0     | ORG_CODE   |

|            |  |          |    |   |   |            |
|------------|--|----------|----|---|---|------------|
|            | (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  |          |    |   |   |            |
| UNIT_NUM   | Unit number of critical habitat unit. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | String   | 10 | 0 | 0 | UNIT_NUM   |
| SUBUNIT    | Subunit letter of critical habitat subunit, if any. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | String   | 10 | 0 | 0 | SUBUNIT    |
| UNIT_NAME  | Name of critical habitat unit or subunit. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | String   | 50 | 0 | 0 | UNIT_NAME  |
| STATUS     | "FINAL CRITICAL HABITAT" means that the polygon is included in the final critical habitat designation for the species. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office) | String   | 30 | 0 | 0 | STATUS     |
| SHAPE      | Feature geometry. (Source: ESRI)   | Geometry | 4  | 0 | 0 | Shape      |
| SHAPE.area | Area (Source: ESRI)  | Double   | 0  | 0 | 0 | SHAPE.area |
| SHAPE.len  | Perimeter (Source: ESRI)   | Double   | 0  | 0 | 0 | SHAPE.len  |

## Attributes of sde4csb.SDE.fws\_Mtn\_Bladderpod

Type of object: Feature Class

San Bernardino Mountains Bladderpod (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)

| Attribute Name | Description   | Data Type | Width | Precision | Scale | Alias      |
|----------------|---|-----------|-------|-----------|-------|------------|
| OBJECTID       | Internal feature number. (Source: ESRI)   | OID       | 4     | 10        | 0     | OBJECTID   |
| AREA_          | Area (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | Double    | 8     | 38        | 8     | AREA_      |
| PERIMETER      | Perimeter (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | Double    | 8     | 38        | 8     | PERIMETER  |
| LEKIB_FCH2     | Final Critical Habitat for Lesquerella Kingii SSP. Bernardina (San Bernardino Mountains Bladderpod) FCH 2 (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)             | Integer   | 4     | 10        | 0     | LEKIB_FCH2 |
| LEKIB_FC_1     | Lesquerella Kingii SSP. Bernardina (San Bernardino Mountains Bladderpod) FC 1 (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | Integer   | 4     | 10        | 0     | LEKIB_FC_1 |
| CNAME          | Common name of the species. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String    | 50    | 0         | 0     | CNAME      |
| SNAME          | Scientific name of the species. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String    | 50    | 0         | 0     | SNAME      |
| SPP_CODE       | Species code for the species in the U.S. Fish and Wildlife Service's Environmental Conservation Online System (ECOS). (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office) | String    | 10    | 0         | 0     | SPP_CODE   |
| ORG_CODE       | Organization code of the U.S. Fish and Wildlife Service office in Carlsbad, CA, which is the  | String    | 10    | 0         | 0     | ORG_CODE   |

|            |  |          |    |   |   |            |
|------------|--|----------|----|---|---|------------|
|            | contact office for this critical habitat project<br>( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  |          |    |   |   |            |
| UNIT_NUM   | Unit number of critical habitat unit. ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | String   | 10 | 0 | 0 | UNIT_NUM   |
| SUBUNIT    | Subunit letter of critical habitat subunit, if any.<br>( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String   | 10 | 0 | 0 | SUBUNIT    |
| UNIT_NAME  | Name of critical habitat unit or subunit. ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | String   | 50 | 0 | 0 | UNIT_NAME  |
| STATUS     | "FINAL CRITICAL HABITAT" means that the polygon is included in the final critical habitat designation for the species. ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office) | String   | 30 | 0 | 0 | STATUS     |
| SHAPE      | Feature geometry. ( <i>Source:</i> ESRI)   | Geometry | 4  | 0 | 0 | Shape      |
| SHAPE.area | Area ( <i>Source:</i> ESRI)  | Double   | 0  | 0 | 0 | SHAPE.area |
| SHAPE.len  | Perimeter ( <i>Source:</i> ESRI)   | Double   | 0  | 0 | 0 | SHAPE.len  |

## Attributes of Mtn\_YellowLegged-Frog

*Type of object:* Feature Class

Mountain Yellow Legged Frog (*Source:* U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)

| Attribute Name | Description   | Data Type | Width | Precision | Scale | Alias      |
|----------------|---|-----------|-------|-----------|-------|------------|
| SNAME          | Scientific name of the species. ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String    | 50    | 0         | 0     | SNAME      |
| OBJECTID       | Internal feature number. ( <i>Source:</i> ESRI)   | OID       | 4     | 10        | 0     | OBJECTID   |
| Shape          | Feature geometry. ( <i>Source:</i> ESRI)  | String    | 10    | 0         | 0     | SPP_CODE   |
| SPP_CODE       | Species code for the species in the U.S. Fish and Wildlife Service's Environmental Conservation Online System (ECOS). ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String    | 50    | 0         | 0     | UNIT_NAME  |
| UNIT_NAME      | Name of critical habitat unit or subunit. ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | Integer   | 4     | 10        | 0     | MYLF_FCH27 |
| STATUS         | "FINAL CRITICAL HABITAT" means that the polygon is included in the final critical habitat for the species. "OUT/NOT HABITAT" means that the polygon is not habitat for the species. ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office) | String    | 10    | 0         | 0     | ORG_CODE   |
| MYLF_FCH27     | Mountain Yellow Legged Frog FCH 27 ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | String    | 10    | 0         | 0     | UNIT_NUM   |
| ORG_CODE       | Organization code of the U.S. Fish and Wildlife Service office in Carlsbad, CA, which is the  | String    | 10    | 0         | 0     | SUBUNIT    |



|            |   |          |    |    |   |            |
|------------|---|----------|----|----|---|------------|
|            | contact office for this critical habitat project. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   |          |    |    |   |            |
| UNIT_NUM   | Unit number of critical habitat unit. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)               | String   | 30 | 0  | 0 | STATUS     |
| SUBUNIT    | Subunit letter of critical habitat subunit, if any. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office) | Double   | 8  | 38 | 8 | PERIMETER  |
| STATUS     | No description  | Double   | 8  | 38 | 8 | AREA_      |
| PERIMETER  | Perimeter of feature in internal units. (Source: ESRI)  | Integer  | 4  | 10 | 0 | MYLF_FCH_1 |
| AREA_      | Feature geometry. (Source: ESRI)  | Geometry | 4  | 0  | 0 | Shape      |
| MYLF_FCH_1 | Mountain Yellow Legged Frog FCH 1 (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)                   | String   | 50 | 0  | 0 | CNAME      |
| SHAPE      | Feature geometry. (Source: ESRI)  | Double   | 0  | 0  | 0 | SHAPE.area |
| CNAME      | Common name of the species. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)                         | Double   | 0  | 0  | 0 | SHAPE.len  |

## Attributes of sde4csb.SDE.fws\_Parish\_Daisy

Type of object: Feature Class

Parish's Daisy (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)

| Attribute Name | Description   | Data Type | Width | Precision | Scale | Alias      |
|----------------|---|-----------|-------|-----------|-------|------------|
| OBJECTID       | Internal feature number. (Source: ESRI)   | OID       | 4     | 10        | 0     | OBJECTID   |
| AREA_          | Area (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | Double    | 8     | 38        | 8     | AREA_      |
| PERIMETER      | Perimeter (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | Double    | 8     | 38        | 8     | PERIMETER  |
| ERPA_FCH27     | Erigeron Parishii (Parish's Daisy) FCH 27 (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | Integer   | 4     | 10        | 0     | ERPA_FCH27 |
| ERPA_FCH_1     | Erigeron Parishii (Parish's Daisy) FCH 1 (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | Integer   | 4     | 10        | 0     | ERPA_FCH_1 |
| CNAME          | Common name of the species. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String    | 50    | 0         | 0     | CNAME      |
| SNAME          | Scientific name of the species. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String    | 50    | 0         | 0     | SNAME      |
| SPP_CODE       | Species code for the species in the U.S. Fish and Wildlife Service's Environmental Conservation Online System (ECOS). (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office) | String    | 10    | 0         | 0     | SPP_CODE   |
| ORG_CODE       | Organization code of the U.S. Fish and Wildlife Service office in Carlsbad, CA, which is the contact office for this critical habitat project (Source: U.S. Fish and Wildlife Service, Carlsbad   | String    | 10    | 0         | 0     | ORG_CODE   |

|            |  |          |    |   |   |            |
|------------|--|----------|----|---|---|------------|
|            | Fish and Wildlife Office)  |          |    |   |   |            |
| UNIT_NUM   | Unit number of critical habitat unit. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | String   | 10 | 0 | 0 | UNIT_NUM   |
| SUBUNIT    | Subunit letter of critical habitat subunit, if any. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | String   | 10 | 0 | 0 | SUBUNIT    |
| UNIT_NAME  | Name of critical habitat unit or subunit. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | String   | 50 | 0 | 0 | UNIT_NAME  |
| STATUS     | "FINAL CRITICAL HABITAT" means that the polygon is included in the final critical habitat designation for the species. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office) | String   | 30 | 0 | 0 | STATUS     |
| SHAPE      | Feature geometry. (Source: ESRI)   | Geometry | 4  | 0 | 0 | Shape      |
| SHAPE.area | Area (Source: ESRI)  | Double   | 0  | 0 | 0 | SHAPE.area |
| SHAPE.len  | Perimeter (Source: ESRI)   | Double   | 0  | 0 | 0 | SHAPE.len  |

## Attributes of sde4csb.SDE.fws\_razorback\_sucker

Type of object: Feature Class

Razorback Sucker (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and wildlife Office)

| Attribute Name | Description  | Data Type | Width | Precision | Scale | Alias      |
|----------------|--|-----------|-------|-----------|-------|------------|
| OBJECTID_1     | Internal feature number. (Source: ESRI)  | OID       | 4     | 10        | 0     | OBJECTID_1 |
| OBJECTID       | Internal feature number. (Source: ESRI)  | Integer   | 4     | 10        | 0     | OBJECTID   |
| STATE          | State (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)                | String    | 50    | 0         | 0     | STATE      |
| COUNTY         | County location (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)      | String    | 200   | 0         | 0     | COUNTY     |
| RIVER          | River name (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)           | String    | 50    | 0         | 0     | RIVER      |
| COMPLEX        | Complex number (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)       | String    | 20    | 0         | 0     | COMPLEX    |
| UNIT           | Unit (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)                 | String    | 10    | 0         | 0     | UNIT       |
| AREA_          | Area (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)                 | Double    | 8     | 38        | 8     | AREA_      |
| PERIMETER      | Perimeter (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)            | Double    | 8     | 38        | 8     | PERIMETER  |
| ACRES          | Acreage (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)              | Double    | 8     | 38        | 8     | ACRES      |
| HECTARES       | Hectares (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)             | Double    | 8     | 38        | 8     | HECTARES   |
| NAME           | Name of species (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)      | String    | 50    | 0         | 0     | NAME       |
| DESCRIP        | Description of range (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office) | String    | 200   | 0         | 0     | DESCRIP    |
| LENGTH_MI      | Length in miles (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)      | Double    | 8     | 38        | 8     | LENGTH_MI  |

|            |                                  |          |   |    |   |            |
|------------|----------------------------------|----------|---|----|---|------------|
| SHAPE_LEN  | Perimeter (Source: ESRI)         | Double   | 8 | 38 | 8 | SHAPE_LEN  |
| SHAPE      | Feature geometry. (Source: ESRI) | Geometry | 4 | 0  | 0 | Shape      |
| SHAPE.area | Area (Source: ESRI)              | Double   | 0 | 0  | 0 | SHAPE.area |
| SHAPE.len  | Perimeter (Source: ESRI)         | Double   | 0 | 0  | 0 | SHAPE.len  |

## Attributes of sde4csb.SDE.fws\_san\_bernardino\_bluegrass

Type of object: Feature Class

San Bernardino Bluegrass (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)

| Attribute Name | Description   | Data Type | Width | Output Width | Precision | Scale | Alias      |
|----------------|---|-----------|-------|--------------|-----------|-------|------------|
| Shape          | Feature geometry. (Source: ESRI)  | String    | 50    | ---          | 0         | 0     | CNAME      |
| CNAME          | Common name of the species. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String    | 50    | 50           | 0         | 0     | SNAME      |
| SNAME          | Scientific name of the species. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String    | 10    | 50           | 0         | 0     | SPP_CODE   |
| SPP_CODE       | Species code for the species in the U.S. Fish and Wildlife Service's Environmental Conservation Online System (ECOS). (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String    | 10    | 10           | 0         | 0     | SUBUNIT    |
| SUBUNIT        | Subunit letter of critical habitat subunit, if any. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String    | 50    | 10           | 0         | 0     | UNIT_NAME  |
| UNIT_NAME      | Name of critical habitat unit or subunit. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String    | 30    | 50           | 0         | 0     | STATUS     |
| STATUS         | "EXCLUDED HABITAT" means that the polygon is habitat for the species, but was excluded from the critical habitat. "FINAL CRITICAL HABITAT" means that the polygon is included in the final critical habitat designation for the species. "OUT/NOT HABITAT" means that the polygon is not habitat for the species. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office) | String    | 10    | 30           | 0         | 0     | UNIT_NUM   |
| UNIT_NUM       | Unit number of critical habitat unit. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | OID       | 4     | 10           | 10        | 0     | OBJECTID   |
| OBJECTID       | Internal feature number. (Source: ESRI)   | String    | 10    | ---          | 0         | 0     | ORG_CODE   |
| ORG_CODE       | Organization code of the U.S. Fish and Wildlife Service office in Carlsbad, CA, which is the contact office for this critical habitat project. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | Geometry  | 4     | 10           | 0         | 0     | Shape      |
| SHAPE.len      | Perimeter (Source: ESRI)  | Double    | 0     | ---          | 0         | 0     | SHAPE.area |
| SHAPE          | Feature geometry. (Source: ESRI)  | Double    | 0     | ---          | 0         | 0     | SHAPE.len  |

## Attributes of sde4csb.SDE.fws\_Santa\_Ana\_Sucker

Type of object: Feature Class

Santa Ana Sucker (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)

| Attribute Name | Description   | Data Type | Width | Precision | Scale | Alias      |
|----------------|---|-----------|-------|-----------|-------|------------|
| OBJECTID       | Internal feature number. (Source: ESRI)   | OID       | 4     | 10        | 0     | OBJECTID   |
| AREA_          | Area (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | Double    | 8     | 38        | 8     | AREA_      |
| PERIMETER      | Perimeter (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | Double    | 8     | 38        | 8     | PERIMETER  |
| SASU_FCH27     | Catostomus Santaanae (Santa Ana Sucker) FCH 27 (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | Integer   | 4     | 10        | 0     | SASU_FCH27 |
| SASU_FCH_1     | Catostomus Santaanae (Santa Ana Sucker) FCH 1 (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | Integer   | 4     | 10        | 0     | SASU_FCH_1 |
| CNAME          | Common name of the species. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String    | 50    | 0         | 0     | CNAME      |
| SNAME          | Scientific name of the species. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String    | 50    | 0         | 0     | SNAME      |
| SPP_CODE       | Species code for the species in the U.S. Fish and Wildlife Service's Environmental Conservation Online System (ECOS). (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)                         | String    | 10    | 0         | 0     | SPP_CODE   |
| ORG_CODE       | Organization code of the U.S. Fish and Wildlife Service office in Carlsbad, CA, which is the contact office for this critical habitat project (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office) | String    | 10    | 0         | 0     | ORG_CODE   |
| UNIT_NUM       | Unit number of critical habitat unit. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String    | 10    | 0         | 0     | UNIT_NUM   |
| SUBUNIT        | Subunit letter of critical habitat subunit, if any. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String    | 10    | 0         | 0     | SUBUNIT    |
| UNIT_NAME      | Name of critical habitat unit or subunit. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String    | 50    | 0         | 0     | UNIT_NAME  |
| STATUS         | "FINAL CRITICAL HABITAT" means that the polygon is included in the final critical habitat designation for the species. (Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)                        | String    | 30    | 0         | 0     | STATUS     |
| SHAPE          | Feature geometry. (Source: ESRI)  | Geometry  | 4     | 0         | 0     | Shape      |
| SHAPE.area     | Area (Source: ESRI)   | Double    | 0     | 0         | 0     | SHAPE.area |

|           |                                  |        |   |   |   |           |
|-----------|----------------------------------|--------|---|---|---|-----------|
| SHAPE.len | Perimeter ( <i>Source:</i> ESRI) | Double | 0 | 0 | 0 | SHAPE.len |
|-----------|----------------------------------|--------|---|---|---|-----------|

## Attributes of sde4csb.SDE.fws\_so\_mtn\_wild\_buckwheat

*Type of object:* Feature Class

Southern Mountain Wild Buckwheat (*Source:* U. S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)

| Attribute Name | Description   | Data Type | Width | Output Width | Precision | Scale | Alias      |
|----------------|---|-----------|-------|--------------|-----------|-------|------------|
| OBJECTID       | Internal feature number. ( <i>Source:</i> ESRI)   | OID       | 4     | ---          | 10        | 0     | OBJECTID   |
| UNIT_NUM       | Unit number of critical habitat unit. ( <i>Source:</i> U. S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | String    | 10    | 10           | 0         | 0     | UNIT_NUM   |
| Shape          | Feature geometry. ( <i>Source:</i> ESRI)  | Double    | 8     | ---          | 38        | 8     | PERIMETER  |
| PERIMETER      | Perimeter of feature in internal units. ( <i>Source:</i> U. S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | String    | 50    | 18           | 0         | 0     | CNAME      |
| CNAME          | Common name of the species. ( <i>Source:</i> U. S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | String    | 50    | 50           | 0         | 0     | SNAME      |
| SNAME          | Scientific name of the species. ( <i>Source:</i> U. S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | String    | 10    | 50           | 0         | 0     | SPP_CODE   |
| SPP_CODE       | Species code for the species in the U.S. Fish and Wildlife Service's Environmental Conservation Online System (ECOS). ( <i>Source:</i> U. S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)                          | String    | 10    | 10           | 0         | 0     | ORG_CODE   |
| ORG_CODE       | Organization code of the U.S. Fish and Wildlife Service office in Carlsbad, CA, which is the contact office for this critical habitat project. ( <i>Source:</i> U. S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office) | String    | 10    | 10           | 0         | 0     | SUBUNIT    |
| SUBUNIT        | Subunit letter of critical habitat subunit, if any. ( <i>Source:</i> U. S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | Double    | 8     | 10           | 38        | 8     | AREA_      |
| AREA_          | Area ( <i>Source:</i> U. S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)   | String    | 50    | ---          | 0         | 0     | UNIT_NAME  |
| UNIT_NAME      | Name of critical habitat unit or subunit. ( <i>Source:</i> U. S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | Integer   | 4     | 50           | 10        | 0     | ERKEA_FCH2 |
| ERKEA_FCH2     | Eriogonum kennedyi var. austromontanum (southern  | String    | 30    | ---          | 0         | 0     | STATUS     |

|            |   |          |   |     |    |   |            |
|------------|---|----------|---|-----|----|---|------------|
|            | mountain wild-buckwheat) FCH 2<br>( <i>Source:</i> U. S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  |          |   |     |    |   |            |
| STATUS     | "FINAL CRITICAL HABITAT" means that the polygon is included in the final critical habitat designation for the species. ( <i>Source:</i> U. S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office) | Integer  | 4 | 30  | 10 | 0 | ERKEA_FC_1 |
| ERKEA_FC_1 | Eriogonum kennedyi var. austromontanum (southern mountain wild-buckwheat) FC 1<br>( <i>Source:</i> U. S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)                                      | Geometry | 4 | --- | 0  | 0 | Shape      |
| SHAPE.len  | Perimeter ( <i>Source:</i> ESRI)  | Double   | 0 | --- | 0  | 0 | SHAPE.area |
| SHAPE      | Feature geometry. ( <i>Source:</i> ESRI)  | Double   | 0 | --- | 0  | 0 | SHAPE.len  |

### Attributes of sde4csb.SDE.fws\_SW\_Willow\_Flycatcher

*Type of object:* Feature Class

Southwestern Willow Flycatcher (*Source:* U.S. Fish and Wildlife Service, Carlsbad Fish and wildlife Office)

| Attribute Name | Description   | Data Type | Width | Precision | Scale | Alias     |
|----------------|---|-----------|-------|-----------|-------|-----------|
| OBJECTID       | Internal feature number. ( <i>Source:</i> ESRI)   | OID       | 4     | 10        | 0     | OBJECTID  |
| STATE          | State ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)           | String    | 50    | 0         | 0     | STATE     |
| COUNTY         | County location ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office) | String    | 50    | 0         | 0     | COUNTY    |
| RIVER          | River name ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)      | String    | 50    | 0         | 0     | RIVER     |
| COMPLEX        | Complex number ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)  | String    | 50    | 0         | 0     | COMPLEX   |
| IMG_SRC        | Image Source ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)    | String    | 100   | 0         | 0     | IMG_SRC   |
| DIG_SRC        | Digitize Source ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office) | String    | 50    | 0         | 0     | DIG_SRC   |
| RU             | RU ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)              | String    | 50    | 0         | 0     | RU        |
| MU             | MU ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)              | String    | 50    | 0         | 0     | MU        |
| EXCLUSION      | Exclusion ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)       | String    | 100   | 0         | 0     | EXCLUSION |
| UNIT           | Unit ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office)            | String    | 50    | 0         | 0     | UNIT      |
| NAME           | Name of species ( <i>Source:</i> U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office) | String    | 50    | 0         | 0     | NAME      |

|            |   |              |     |    |   |            |
|------------|---|--------------|-----|----|---|------------|
| DESCRIP    | Description of range ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> ) | String       | 200 | 0  | 0 | DESCRIP    |
| LENGTH_MI  | Length in miles ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )      | Double       | 8   | 38 | 8 | LENGTH_MI  |
| P_STATUS   | P Status ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )             | String       | 50  | 0  | 0 | P_STATUS   |
| D_STATUS   | D Status ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )             | String       | 50  | 0  | 0 | D_STATUS   |
| FR_YR      | FR year ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )              | SmallInteger | 2   | 5  | 0 | FR_YR      |
| ACRES      | Acreage ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )              | Double       | 8   | 38 | 8 | ACRES      |
| HECTARES   | Hectares ( <i>Source: U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office</i> )             | Double       | 8   | 38 | 8 | HECTARES   |
| SHAPE LENG | Perimeter ( <i>Source: ESRI</i> )   | Double       | 8   | 38 | 8 | SHAPE LENG |
| SHAPE      | Feature geometry. ( <i>Source: ESRI</i> )   | Geometry     | 4   | 0  | 0 | Shape      |
| SHAPE.area | Area ( <i>Source: ESRI</i> )  | Double       | 0   | 0  | 0 | SHAPE.area |
| SHAPE.len  | Perimeter ( <i>Source: ESRI</i> )   | Double       | 0   | 0  | 0 | SHAPE.len  |

### Attributes of sde4csb.SDE.gen\_plan\_bald\_eagle

Type of object: Feature Class

Bald Eagle (*Source: San Bernardino County*)

| Attribute Name                       | Description  | Data Type | Width | Precision | Scale | Alias                                |
|--------------------------------------|--|-----------|-------|-----------|-------|--------------------------------------|
| OBJECTID                             | Internal feature number. ( <i>Source: ESRI</i> )                           | OID       | 4     | 10        | 0     | OBJECTID                             |
| sde4csb.SDE.gen_plan_bald_eagle.AREA | Area ( <i>Source: San Bernardino County</i> )                              | Double    | 8     | 38        | 8     | sde4csb.SDE.gen_plan_bald_eagle.AREA |
| PERIMETER                            | Perimeter ( <i>Source: San Bernardino County</i> )                         | Double    | 8     | 38        | 8     | PERIMETER                            |
| CNTY_                                | County number ( <i>Source: San Bernardino County</i> )                     | Integer   | 4     | 10        | 0     | CNTY_                                |
| CNTY_ID                              | County ID number ( <i>Source: San Bernardino County</i> )                  | Integer   | 4     | 10        | 0     | CNTY_ID                              |
| HABITAT                              | Habitat (IN) ( <i>Source: San Bernardino County</i> )                      | String    | 3     | 0         | 0     | HABITAT                              |
| FORAGE                               | Forage (Potential, Key, Occupied) ( <i>Source: San Bernardino County</i> ) | String    | 10    | 0         | 0     | FORAGE                               |
| ROOST                                | Roost (Confirmed, Suspected) ( <i>Source: San Bernardino County</i> )      | String    | 10    | 0         | 0     | ROOST                                |
| Shape                                | Feature geometry. ( <i>Source: ESRI</i> )                                  | Geometry  | 4     | 0         | 0     | Shape                                |
| Shape.area                           | Area ( <i>Source: ESRI</i> )   | Double    | 0     | 0         | 0     | Shape.area                           |
| Shape.len                            | Perimeter ( <i>Source: ESRI</i> )  | Double    | 0     | 0         | 0     | Shape.len                            |

### Attributes of sde4csb.SDE.gen\_plan\_moj\_grd\_squirrel

Type of object: Feature Class

Mojave Ground Squirrel (*Source: San Bernardino County*)

| Attribute Name | Description   | Data Type | Width | Precision | Scale | Alias      |
|----------------|---|-----------|-------|-----------|-------|------------|
| OBJECTID       | Internal feature number. ( <i>Source: ESRI</i> )          | OID       | 4     | 10        | 0     | OBJECTID   |
| AREA_          | Area ( <i>Source: San Bernardino County</i> )             | Double    | 8     | 38        | 8     | AREA_      |
| PERIMETER      | Perimeter ( <i>Source: San Bernardino County</i> )        | Double    | 8     | 38        | 8     | PERIMETER  |
| CNTY_          | County number ( <i>Source: San Bernardino County</i> )    | Integer   | 4     | 10        | 0     | CNTY_      |
| CNTY_ID        | County number ID ( <i>Source: San Bernardino County</i> ) | Integer   | 4     | 10        | 0     | CNTY_ID    |
| HABITAT        | Habitat (IN) ( <i>Source: San Bernardino County</i> )     | String    | 3     | 0         | 0     | HABITAT    |
| Shape          | Feature geometry. ( <i>Source: ESRI</i> )                 | Geometry  | 4     | 0         | 0     | Shape      |
| Shape.area     | Area ( <i>Source: ESRI</i> )                              | Double    | 0     | 0         | 0     | Shape.area |
| Shape.len      | Perimeter ( <i>Source: ESRI</i> )                         | Double    | 0     | 0         | 0     | Shape.len  |

Attributes of sde4csb.SDE.gen\_plan\_tortoise

*Type of object:* Feature Class

*Tortoise (Source: San Bernardino County)*

| Attribute Name | Description  | Data Type    | Width | Precision | Scale | Alias      |
|----------------|--|--------------|-------|-----------|-------|------------|
| OBJECTID       | Internal feature number. ( <i>Source: ESRI</i> )       | OID          | 4     | 10        | 0     | OBJECTID   |
| AREA_          | Area ( <i>Source: San Bernardino County</i> )          | Double       | 8     | 38        | 8     | AREA_      |
| PERIMETER      | Perimeter ( <i>Source: San Bernardino County</i> )     | Double       | 8     | 38        | 8     | PERIMETER  |
| CNTY_          | County number ( <i>Source: San Bernardino County</i> ) | Integer      | 4     | 10        | 0     | CNTY_      |
| CNTY_ID        | County ID ( <i>Source: San Bernardino County</i> )     | Integer      | 4     | 10        | 0     | CNTY_ID    |
| CODE           | Code number ( <i>Source: San Bernardino County</i> )   | SmallInteger | 2     | 5         | 0     | CODE       |
| SYMBOL         | Symbol number ( <i>Source: San Bernardino County</i> ) | SmallInteger | 2     | 5         | 0     | SYMBOL     |
| Shape          | Feature geometry. ( <i>Source: ESRI</i> )              | Geometry     | 4     | 0         | 0     | Shape      |
| Shape.area     | Area ( <i>Source: ESRI</i> )                           | Double       | 0     | 0         | 0     | Shape.area |
| Shape.len      | Perimeter ( <i>Source: ESRI</i> )                      | Double       | 0     | 0         | 0     | Shape.len  |

Attributes of AREALM.shp

*Type of object:* Feature Class

*Current Area Landmark (Source: U.S. Census Bureau)*

| Attribute Name | Description  | Data Type | Width | Precision | Scale | Alias    |
|----------------|--|-----------|-------|-----------|-------|----------|
| OBJECTID       | Internal feature number. ( <i>Source: ESRI</i> )               | OID       | 4     | 10        | 0     | OBJECTID |
| Shape          | Feature geometry. ( <i>Source: ESRI</i> )                      | Geometry  | 4     | 0         | 0     | Shape    |
| STATEFP        | Current State FIPS code ( <i>Source: U.S. Census Bureau</i> )  | String    | 2     | 0         | 0     | STATEFP  |
| COUNTYFP       | Current county FIPS code ( <i>Source: U.S. Census Bureau</i> ) | String    | 3     | 0         | 0     | COUNTYFP |
| COUNTYNS       | Current county ANSI code ( <i>Source: U.S. Census Bureau</i> ) | String    | 8     | 0         | 0     | COUNTYNS |
| ANSICODE       | Current official code for use by federal                       | String    | 8     | 0         | 0     | ANSICODE |



|            |  |        |     |    |   |            |
|------------|--|--------|-----|----|---|------------|
|            | agencies for data transfer and dissemination<br>( <i>Source:</i> U.S. Census Bureau)   |        |     |    |   |            |
| AREAID     | Area landmark identifier ( <i>Source:</i> U.S. Census Bureau)  | String | 22  | 0  | 0 | AREAID     |
| FULLNAME   | Concatenation of expanded text for Prefix Qualifier, Prefix Direction, Prefix Type, Base Name, Suffix Type, Suffix Direction, and Suffix Qualifier (as available) with a space between each expanded text field ( <i>Source:</i> U.S. Census Bureau) | String | 120 | 0  | 0 | FULLNAME   |
| MTFCC      | MAF/TIGER Feature Class Code ( <i>Source:</i> U.S. Census Bureau)  | String | 5   | 0  | 0 | MTFCC      |
| STATUS     | Status (Verified, Done)  | String | 50  | 0  | 0 | STATUS     |
| SHAPE_Leng | No description   | Double | 8   | 38 | 8 | SHAPE_Leng |
| Shape.area | Area of polygon ( <i>Source:</i> ESRI)   | Double | 0   | 0  | 0 | Shape.area |
| Shape.len  | Perimeter ( <i>Source:</i> ESRI)   | Double | 0   | 0  | 0 | Shape.len  |

Attributes of sde4csb.SDE.highways\_cl

*Type of object:* Feature Class

Major Highway Centerlines (*Source:* San Bernardino County)

| Attribute Name | Description   | Data Type | Width | Precision | Scale | Alias      |
|----------------|---|-----------|-------|-----------|-------|------------|
| OBJECTID_1     | Internal feature number. ( <i>Source:</i> ESRI)         | OID       | 4     | 10        | 0     | OBJECTID_1 |
| OBJECTID       | Internal feature number. ( <i>Source:</i> ESRI)         | Double    | 8     | 10        | 0     | OBJECTID   |
| FNODE_         | From Node   | Double    | 8     | 19        | 8     | FNODE_     |
| TNODE_         | To Node   | Double    | 8     | 19        | 8     | TNODE_     |
| LPOLY_         | Left Polygon  | Double    | 8     | 19        | 8     | LPOLY_     |
| RPOLY_         | Right polygon   | Double    | 8     | 19        | 8     | RPOLY_     |
| LENGTH         | Length of line  | Double    | 8     | 19        | 8     | LENGTH     |
| ST_HWY2_       | ST Highway 2  | Double    | 8     | 19        | 8     | ST_HWY2_   |
| ST_HWY2_ID     | St Hwy 2 ID   | Double    | 8     | 19        | 8     | ST_HWY2_ID |
| ST_HWY_ID      | St Hwy ID   | Double    | 8     | 19        | 8     | ST_HWY_ID  |
| FNODE_1        | From Node 1 ( <i>Source:</i> San Bernardino County)     | Double    | 8     | 19        | 8     | FNODE_1    |
| TNODE_1        | To Node 1 ( <i>Source:</i> San Bernardino County)       | Double    | 8     | 19        | 8     | TNODE_1    |
| LPOLY_1        | Left Polygon 1 ( <i>Source:</i> San Bernardino County)  | Double    | 8     | 19        | 8     | LPOLY_1    |
| RPOLY_1        | Right Polygon 1 ( <i>Source:</i> San Bernardino County) | Double    | 8     | 19        | 8     | RPOLY_1    |
| ST_HWY_        | State Highway ( <i>Source:</i> San Bernardino County)   | Double    | 8     | 19        | 8     | ST_HWY_    |
| ST_HWY_I_1     | State Highway 1 1                                       | Double    | 8     | 19        | 8     | ST_HWY_I_1 |
| RTE            | State Highway Route Number                              | Double    | 8     | 19        | 8     | RTE        |
| SUBRTE         | Sub Route number  | Double    | 8     | 19        | 8     | SUBRTE     |
| ROUTE2         | Route 2   | Double    | 8     | 19        | 8     | ROUTE2     |
| STATUS         | Status  | Double    | 8     | 19        | 8     | STATUS     |

|            |   |        |    |    |   |            |
|------------|---|--------|----|----|---|------------|
| RAMP       | Ramp ( <i>Source: San Bernardino County</i> ) | Double | 8  | 19 | 8 | RAMP       |
| CO         | County abbreviation                           | String | 3  | 0  | 0 | CO         |
| DIST       | Caltrans District number                      | String | 2  | 0  | 0 | DIST       |
| SEG1_      | Segment 1                                     | String | 4  | 0  | 0 | SEG1_      |
| SEG2_      | Segment 2                                     | String | 6  | 0  | 0 | SEG2_      |
| RUCODE     | Rural Code                                    | Double | 8  | 19 | 8 | RUCODE     |
| URBCODE    | Urban code                                    | Double | 8  | 19 | 8 | URBCODE    |
| FUNCCL     | FUNCL   | Double | 8  | 19 | 8 | FUNCCL     |
| CONSTRUCTE | Constructed                                   | Double | 8  | 19 | 8 | CONSTRUCTE |
| NEWFUNCCL  | New FUNCCL                                    | Double | 8  | 19 | 8 | NEWFUNCCL  |
| TRKRT      | TRK Route                                     | Double | 8  | 19 | 8 | TRKRT      |
| STRAHNET   | STRAHNET                                      | Double | 8  | 19 | 8 | STRAHNET   |
| HPCORD     | HPCORD  | Double | 8  | 19 | 8 | HPCORD     |
| NHS        | NHS   | Double | 8  | 19 | 8 | NHS        |
| LIFE       | LIFE  | Double | 8  | 19 | 8 | LIFE       |
| SCENIC     | Scenic  | Double | 8  | 19 | 8 | SCENIC     |
| BIKE       | Bike  | Double | 8  | 19 | 8 | BIKE       |
| ICB        | ICB   | Double | 8  | 19 | 8 | ICB        |
| IRRS       | IRRS  | Double | 8  | 19 | 8 | IRRS       |
| F_E        | F_E   | Double | 8  | 19 | 8 | F_E        |
| LLRSUB     | LLRSUB  | Double | 8  | 19 | 8 | LLRSUB     |
| SUBFLG     | SUBFLG  | Double | 8  | 19 | 8 | SUBFLG     |
| BPM        | Beginning post mile                           | Double | 8  | 19 | 8 | BPM        |
| EPM        | Ending post mile                              | Double | 8  | 19 | 8 | EPM        |
| MARKER     | Post mile marker range                        | String | 25 | 0  | 0 | MARKER     |
| ITMS       | ITMS  | Double | 8  | 19 | 8 | ITMS       |
| ITMS_ID    | ITMS ID                                       | String | 28 | 0  | 0 | ITMS_ID    |
| GIS_ID     | GIS ID  | String | 9  | 0  | 0 | GIS_ID     |
| UPDATE_ID  | Update Id                                     | String | 9  | 0  | 0 | UPDATE_ID  |
| ACCONT     | ACCONT  | Double | 8  | 19 | 8 | ACCONT     |
| RSYS       | No description                                | Double | 8  | 19 | 8 | RSYS       |
| IRTE       | Interstate Route                              | Double | 8  | 19 | 8 | IRTE       |
| USRTE      | US Route                                      | Double | 8  | 19 | 8 | USRTE      |
| SRTE       | State Route                                   | Double | 8  | 19 | 8 | SRTE       |
| LRTE       | Local Route                                   | Double | 8  | 19 | 8 | LRTE       |
| NUMLANE    | Number of lanes                               | String | 2  | 0  | 0 | NUMLANE    |
| BRTE       | BRTE  | Double | 8  | 19 | 8 | BRTE       |
| COINRTE    | COINRTE                                       | Double | 8  | 19 | 8 | COINRTE    |

|            |   |          |    |    |   |            |
|------------|---|----------|----|----|---|------------|
| COINRTE2   | COINRTE2  | Double   | 8  | 19 | 8 | COINRTE2   |
| EDIT_DATE  | Edit Date   | Date     | 36 | 0  | 0 | EDIT_DATE  |
| EDIT_TYPE  | Edit Type   | String   | 3  | 0  | 0 | EDIT_TYPE  |
| EDIT_SOURC | Edit Source   | String   | 3  | 0  | 0 | EDIT_SOURC |
| SECT_ID    | Section ID number   | String   | 12 | 0  | 0 | SECT_ID    |
| NUMLANENEW | Number of lanes new   | Double   | 8  | 19 | 8 | NUMLANENEW |
| INC        | INC   | Double   | 8  | 10 | 0 | INC        |
| BPM_M      | Beginning post mile in meters   | Double   | 8  | 10 | 0 | BPM_M      |
| BPM_M_TXT  | Beginning post mile in meters - as text                               | String   | 10 | 0  | 0 | BPM_M_TXT  |
| EPM_M      | Ending post mile in meters  | Double   | 8  | 10 | 0 | EPM_M      |
| EPM_M_TXT  | Ending post mile in meters as text                                    | String   | 10 | 0  | 0 | EPM_M_TXT  |
| RTE_TXT    | Route number as text  | String   | 10 | 0  | 0 | RTE_TXT    |
| HWY_NAME   | Highway name ( <i>Source: San Bernardino County</i> )                 | String   | 20 | 0  | 0 | HWY_NAME   |
| FLIPPED    | Directions of line flipped ( <i>Source: San Bernardino County</i> )   | String   | 10 | 0  | 0 | FLIPPED    |
| LN_ID      | Line Id for network analysis ( <i>Source: San Bernardino County</i> ) | Double   | 8  | 10 | 0 | LN_ID      |
| Shape      | Feature geometry. ( <i>Source: ESRI</i> )                             | Geometry | 4  | 0  | 0 | Shape      |

Attributes of sde4csb.SDE.potentially\_sensitive\_bio\_areas

*Type of object:* Feature Class

Potentially Sensitive Biological Areas (*Source: San Bernardino County*)

| Attribute Name | Description  | Data Type | Width | Precision | Scale | Alias      |
|----------------|--|-----------|-------|-----------|-------|------------|
| HAB_TEXT       | Habitat name ( <i>Source: San Bernardino County</i> )                                | String    | 30    | 0         | 0     | HAB_TEXT   |
| Shape          | Feature geometry. ( <i>Source: ESRI</i> )  | Geometry  | 4     | 0         | 0     | Shape      |
| PERIMETER      | Perimeter ( <i>Source: San Bernardino County</i> )                                   | Double    | 8     | 38        | 8     | PERIMETER  |
| BIO_AREAS_     | ID number for Biological Areas ( <i>Source: San Bernardino County</i> )              | Integer   | 4     | 10        | 0     | BIO_AREAS_ |
| BIO_AREAS1     | ID number for Biological Areas ( <i>Source: San Bernardino County</i> )              | Integer   | 4     | 10        | 0     | BIO_AREAS1 |
| HAB_TYPE1      | Habitat Type (abbreviation of Habitat Text) ( <i>Source: San Bernardino County</i> ) | String    | 2     | 0         | 0     | HAB_TYPE1  |
| OBJECTID       | Internal feature number. ( <i>Source: ESRI</i> )                                     | OID       | 4     | 10        | 0     | OBJECTID   |
| HypLink        | Hyperlink field ( <i>Source: San Bernardino County</i> )                             | String    | 100   | 0         | 0     | HypLink    |
| AREA_          | Area ( <i>Source: San Bernardino County</i> )  | Double    | 8     | 38        | 8     | AREA_      |
| Shape.area     | Area ( <i>Source: ESRI</i> )   | Double    | 0     | 0         | 0     | Shape.area |
| Shape.len      | No description ( <i>Source: ESRI</i> )   | Double    | 0     | 0         | 0     | Shape.len  |

Attributes of sde4csb.SDE.rubber\_boa\_habitat

*Type of object:* Feature Class

Habitat range for the Rubber boa snake (*Source: San Bernardino County*)

| Attribute Name | Description  | Data Type | Width | Precision | Scale | Alias      |
|----------------|--|-----------|-------|-----------|-------|------------|
| OBJECTID       | Internal feature number. (Source: ESRI)  | OID       | 4     | 10        | 0     | OBJECTID   |
| AREA_          | area (Source: San Bernardino County)   | Double    | 8     | 38        | 8     | AREA_      |
| PERIMETER      | Perimeter (Source: San Bernardino County)  | Double    | 8     | 38        | 8     | PERIMETER  |
| CNTY_          | Id number (Source: San Bernardino County)  | Double    | 8     | 11        | 0     | CNTY_      |
| CNTY_ID        | Id number (Source: San Bernardino County)  | Double    | 8     | 11        | 0     | CNTY_ID    |
| HABITAT        | Habitat (IN or NC) (Source: San Bernardino County)                               | String    | 3     | 0         | 0     | HABITAT    |
| WOOD           | Wood (High, Moderate) (Source: San Bernardino County)                            | String    | 10    | 0         | 0     | WOOD       |
| OHV            | OHV: Off highway vehicle travel (High, Moderate) (Source: San Bernardino County) | String    | 10    | 0         | 0     | OHV        |
| FERN           | Fern (Existing) (Source: San Bernardino County)                                  | String    | 10    | 0         | 0     | FERN       |
| HABITAT_AR     | Habitat AR (I, II, IV, VI, A, B, C or D) (Source: San Bernardino County)         | String    | 10    | 0         | 0     | HABITAT_AR |
| Shape          | Feature geometry. (Source: ESRI)   | Geometry  | 4     | 0         | 0     | Shape      |
| Shape.area     | Area (Source: ESRI)  | Double    | 0     | 0         | 0     | Shape.area |
| Shape.len      | Perimeter (Source: ESRI)   | Double    | 0     | 0         | 0     | Shape.len  |

Attributes of sde4csb.SDE.sandfly\_soils

Type of object: Feature Class

Soils for the Dehli Sand Fly (Source: San Bernardino County)

| Attribute Name | Description  | Data Type | Width | Precision | Scale | Alias      |
|----------------|--|-----------|-------|-----------|-------|------------|
| OBJECTID       | Internal feature number. (Source: ESRI)                                  | OID       | 4     | 10        | 0     | OBJECTID   |
| AREA_          | Area (Source: San Bernardino County)                                     | Double    | 8     | 38        | 8     | AREA_      |
| PERIMETER      | Perimeter (Source: San Bernardino County)                                | Double    | 8     | 38        | 8     | PERIMETER  |
| SANDFLY_HA     | Id number (Source: San Bernardino County)                                | Integer   | 4     | 10        | 0     | SANDFLY_HA |
| SANDFLY__1     | Id number (Source: San Bernardino County)                                | Integer   | 4     | 10        | 0     | SANDFLY__1 |
| FLY_SOIL       | Soils habitat for Dehli Sandfly (Y or N) (Source: San Bernardino County) | String    | 1     | 0         | 0     | FLY_SOIL   |
| Shape          | Feature geometry. (Source: ESRI)   | Geometry  | 4     | 0         | 0     | Shape      |
| Shape.area     | Area (Source: ESRI)  | Double    | 0     | 0         | 0     | Shape.area |
| Shape.len      | Perimeter (Source: ESRI)   | Double    | 0     | 0         | 0     | Shape.len  |

Attributes of sde4csb.SDE.StreetNetwork2010

Type of object: Feature Class

Comprehensive street centerline network for San Bernardino County (Source: San Bernardino County)

| Attribute Name | Description   | Data Type | Width | Precision | Scale | Alias      |
|----------------|---|-----------|-------|-----------|-------|------------|
| OBJECTID       | Internal feature number. (Source: ESRI)                               | OID       | 4     | 10        | 0     | OBJECTID   |
| L_ADD_FROM     | Left From house address number range (Source: San Bernardino County)  | Integer   | 4     | 10        | 0     | L_ADD_FROM |
| L_ADD_TO       | Left To house address number range (Source: San Bernardino County)    | Integer   | 4     | 10        | 0     | L_ADD_TO   |
| R_ADD_FROM     | Right From house address number range (Source: San Bernardino County) | Integer   | 4     | 10        | 0     | R_ADD_FROM |

|                              |   |              |    |    |   |                              |
|------------------------------|---|--------------|----|----|---|------------------------------|
| R_ADD_TO                     | Right To house address number range ( <i>Source: San Bernardino County</i> )  | Integer      | 4  | 10 | 0 | R_ADD_TO                     |
| PRE_DIR                      | Prefix direction (a direction that precedes the street name - N, S, E, W) ( <i>Source: San Bernardino County</i> )  | String       | 1  | 0  | 0 | PRE_DIR                      |
| STREET_NAME                  | Name of Street ( <i>Source: San Bernardino County</i> )   | String       | 50 | 0  | 0 | STREET_NAME                  |
| STREET_TYPE                  | Street type ending - RD, ST, AVE, etc) ( <i>Source: San Bernardino County</i> )   | String       | 4  | 0  | 0 | STREET_TYPE                  |
| SUF_DIR                      | Suffix direction (a direction at the end the street name- N, S, E, W) ( <i>Source: San Bernardino County</i> )  | String       | 1  | 0  | 0 | SUF_DIR                      |
| DATE_MODIFIED                | Date Street was modified ( <i>Source: San Bernardino County</i> )   | Integer      | 4  | 10 | 0 | DATE_MODIFIED                |
| NS_CODE                      | Normal Street code (S= ( <i>Source: San Bernardino County</i> )   | String       | 1  | 0  | 0 | NS_CODE                      |
| CONFIDENCE                   | Confidence (coded ( <i>Source: San Bernardino County</i> )  | SmallInteger | 2  | 5  | 0 | CONFIDENCE                   |
| TRANSPORTATION_CLASSES       | Transportation Class (coded: 6000= Street, 5000 - Collector, 3000 = Local Arterial Rd, 2000= Major Arterial road, 1000 - Freeway or Highway with on/off ramps) ( <i>Source: San Bernardino County</i> ) | Integer      | 4  | 10 | 0 | TRANSPORTATION_CLASS         |
| CIRCULATION_CLASS            | Circulation Class ( <i>Source: San Bernardino County</i> )  | Integer      | 4  | 10 | 0 | CIRCULATION_CLASS            |
| STATUS                       | Status ( <i>Source: San Bernardino County</i> )   | SmallInteger | 2  | 5  | 0 | STATUS                       |
| STRUCTURE                    | Structure ( <i>Source: San Bernardino County</i> )  | SmallInteger | 2  | 5  | 0 | STRUCTURE                    |
| SURFACE                      | Surface of Street (10= Paved Streets, 20= Unpaved Street, 21 = Dirt, 22= Gravel, 0 = Unknown) ( <i>Source: San Bernardino County</i> )  | SmallInteger | 2  | 5  | 0 | SURFACE                      |
| UPDATE_TYPE                  | Update type (coded = A - New Segment Added, P - Positional aspect of segment modified, U = Segment attribute updated) ( <i>Source: San Bernardino County</i> )  | String       | 1  | 0  | 0 | UPDATE_TYPE                  |
| L_ZIPCODE                    | Left side Zip Code ( <i>Source: San Bernardino County</i> )   | Integer      | 4  | 10 | 0 | L_ZIPCODE                    |
| R_ZIPCODE                    | Right side Zip Code ( <i>Source: San Bernardino County</i> )  | Integer      | 4  | 10 | 0 | R_ZIPCODE                    |
| L_FIRE_DEMAND_ZONE           | Left side Fire Demand Zone ( <i>Source: San Bernardino County</i> )   | String       | 6  | 0  | 0 | L_FIRE_DEMAND_ZONE           |
| R_FIRE_DEMAND_ZONE           | Right side Fire Demand Zone ( <i>Source: San Bernardino County</i> )  | String       | 6  | 0  | 0 | R_FIRE_DEMAND_ZONE           |
| L_SHERIFF_REPORTING_DISTRICT | Left side Sheriff Report District ( <i>Source: San Bernardino County</i> )  | String       | 5  | 0  | 0 | L_SHERIFF_REPORTING_DISTRICT |

|                              |  |              |    |    |   |                              |
|------------------------------|--|--------------|----|----|---|------------------------------|
| R_SHERIFF_REPORTING_DISTRICT | Right side Sheriff Report District ( <i>Source: San Bernardino County</i> )          | String       | 5  | 0  | 0 | R_SHERIFF_REPORTING_DISTRICT |
| L_CITY                       | Left side City name with City Abbreviation ( <i>Source: San Bernardino County</i> )  | String       | 4  | 0  | 0 | L_CITY                       |
| R_CITY                       | Right side City name with city abbreviation ( <i>Source: San Bernardino County</i> ) | String       | 4  | 0  | 0 | R_CITY                       |
| FUNCCL                       | FUNCL ( <i>Source: San Bernardino County</i> )                                       | String       | 2  | 0  | 0 | FUNCCL                       |
| SHIELD_NBR                   | Highway number for shield symbol ( <i>Source: San Bernardino County</i> )            | String       | 6  | 0  | 0 | SHIELD_NBR                   |
| SHIELD_TYPE                  | Type of shield symbol ( <i>Source: San Bernardino County</i> )                       | String       | 2  | 0  | 0 | SHIELD_TYPE                  |
| POSTED_SPEED                 | Posted speed of street ( <i>Source: San Bernardino County</i> )                      | SmallInteger | 2  | 5  | 0 | POSTED_SPEED                 |
| TRAVEL_SPEED                 | Travel speed of street ( <i>Source: San Bernardino County</i> )                      | Double       | 8  | 38 | 8 | TRAVEL_SPEED                 |
| L_CITY_NAME                  | Left side City name ( <i>Source: San Bernardino County</i> )                         | String       | 40 | 0  | 0 | L_CITY_NAME                  |
| R_CITY_NAME                  | Right side City name ( <i>Source: San Bernardino County</i> )                        | String       | 40 | 0  | 0 | R_CITY_NAME                  |
| ONEWAYCODE                   | One Way code (B, F, T) ( <i>Source: San Bernardino County</i> )                      | String       | 1  | 0  | 0 | ONEWAYCODE                   |
| FROMELEVATION                | From Elevation of Street ( <i>Source: San Bernardino County</i> )                    | Integer      | 4  | 10 | 0 | FROMELEVATION                |
| TOELEVATION                  | To Elevation of Street ( <i>Source: San Bernardino County</i> )                      | Integer      | 4  | 10 | 0 | TOELEVATION                  |
| FEATURETYPE                  | Feature Type ( <i>Source: San Bernardino County</i> )                                | String       | 3  | 0  | 0 | FEATURETYPE                  |
| ID_MODIFIED                  | ID Modified ( <i>Source: San Bernardino County</i> )                                 | String       | 6  | 0  | 0 | ID_MODIFIED                  |
| SEGMENTID                    | Segment Id ( <i>Source: San Bernardino County</i> )                                  | String       | 10 | 0  | 0 | SEGMENTID                    |
| L_HELO_FDZ                   | Left HELO_FDZ ( <i>Source: San Bernardino County</i> )                               | String       | 6  | 0  | 0 | L_HELO_FDZ                   |
| R_HELO_FDZ                   | Right HELO_FDZ ( <i>Source: San Bernardino County</i> )                              | String       | 6  | 0  | 0 | R_HELO_FDZ                   |
| Shape                        | Feature geometry. ( <i>Source: ESRI</i> )  | Geometry     | 4  | 0  | 0 | Shape                        |
| Shape.len                    | Length ( <i>Source: ESRI</i> )   | Double       | 0  | 0  | 0 | Shape.len                    |

Attributes of sde4csb.SDE.ThomasBrothersIndexSB

Type of object: Feature Class

Thomas Guide Index for San Bernardino County (*Source: RBF Consulting/ Rand McNally*)

| Attribute Name | Description                                      | Data Type | Width | Precision | Scale | Alias    |
|----------------|--|-----------|-------|-----------|-------|----------|
| OBJECTID       | Internal feature number. ( <i>Source: ESRI</i> ) | OID       | 4     | 10        | 0     | OBJECTID |

|            |   |              |   |   |   |            |
|------------|---|--------------|---|---|---|------------|
| ThomasPage | Thomas Guide Page number for San Bernardino County (Source: Rand McNally) | SmallInteger | 2 | 5 | 0 | ThomasPage |
| Shape      | Feature geometry. (Source: ESRI)  | Geometry     | 4 | 0 | 0 | Shape      |
| Shape.area | Area (Source: ESRI)   | Double       | 0 | 0 | 0 | Shape.area |
| Shape.len  | Perimeter (Source: ESRI)  | Double       | 0 | 0 | 0 | Shape.len  |

Attributes of sde4csb.SDE.usgs\_quads

Type of object: Feature Class

USGS 24k Quad Index for San Bernardino County (Source: RBF Consulting / USGS)

| Attribute Name | Description   | Data Type | Width | Precision | Scale | Alias      |
|----------------|---|-----------|-------|-----------|-------|------------|
| USGS_NAME      | USGS code name for quad sheet (Source: RBF Consulting / USGS) | String    | 8     | 0         | 0     | USGS_NAME  |
| Shape          | Feature geometry. (Source: ESRI)                              | Geometry  | 4     | 0         | 0     | Shape      |
| PERIMETER      | Perimeter (Source: RBF Consulting / USGS)                     | Double    | 8     | 38        | 8     | PERIMETER  |
| QUADS_75_      | ID number (Source: RBF Consulting / USGS)                     | Double    | 8     | 11        | 0     | QUADS_75_  |
| QUADS_75_I     | ID number (Source: RBF Consulting / USGS)                     | Double    | 8     | 11        | 0     | QUADS_75_I |
| QUAD           | Quad number (Source: RBF Consulting / USGS)                   | String    | 4     | 0         | 0     | QUAD       |
| TEXT           | Quad name (Source: RBF Consulting / USGS)                     | String    | 32    | 0         | 0     | TEXT       |
| SCANNED        | Scanned (y or N) (Source: RBF Consulting / USGS)              | String    | 1     | 0         | 0     | SCANNED    |
| OBJECTID       | Internal feature number. (Source: ESRI)                       | OID       | 4     | 10        | 0     | OBJECTID   |
| AREA_          | Area (Source: RBF Consulting / USGS)                          | Double    | 8     | 38        | 8     | AREA_      |
| Shape.area     | Area (Source: ESRI)   | Double    | 0     | 0         | 0     | Shape.area |
| Shape.len      | Perimeter (Source: ESRI)                                      | Double    | 0     | 0         | 0     | Shape.len  |

STORMWATER FC

## Attributes of SDE4SBFCD.DBO.Aquifer\_Clip\_Zn\_5

Type of object: Feature Class

Aquifer (Source: U.S. Geological Survey)

| Attribute Name | Description  | Data Type | Width | Precision | Scale | Alias      |
|----------------|--|-----------|-------|-----------|-------|------------|
| OBJECTID       | Internal feature number. (Source: ESRI)  | OID       | 4     | 10        | 0     | OBJECTID   |
| Shape          | Feature geometry. (Source: ESRI)   | Geometry  | 4     | 0         | 0     | Shape      |
| ROCK_NAME      | The name of the permeable geologic material that composes the aquifer. (Source: U.S. Geological Survey)  | String    | 40    | 0         | 0     | ROCK_NAME  |
| ROCK_TYPE      | The code number relating to the rock name. (Source: U.S. Geological Survey)  | Integer   | 4     | 10        | 0     | ROCK_TYPE  |
| AQ_NAME        | The aquifer unit name. (Source: U.S. Geological Survey)  | String    | 60    | 0         | 0     | AQ_NAME    |
| AQ_CODE        | The code number relating to the aquifer unit name. There should be a direct correlation between the values of the rock type and rock name attributes, and between the aq_name and aq_code attributes. (Source: U.S. Geological Survey) | Integer   | 4     | 10        | 0     | AQ_CODE    |
| Shape.area     | Area (Source: ESRI)  | Double    | 0     | 0         | 0     | Shape.area |

|           |                          |        |   |   |   |           |
|-----------|--------------------------|--------|---|---|---|-----------|
| Shape.len | Perimeter (Source: ESRI) | Double | 0 | 0 | 0 | Shape.len |
|-----------|--------------------------|--------|---|---|---|-----------|

## Attributes of sde4csb.SDE.BMP

Type of object: Feature Class

Best Management Practices sites (Source: RBF Consulting)

| Attribute Name     | Description   | Data Type    | Width | Precision | Scale | Alias              |
|--------------------|---|--------------|-------|-----------|-------|--------------------|
| OBJECTID           | Internal feature number. (Source: ESRI)   | OID          | 4     | 10        | 0     | OBJECTID           |
| FID_BMPFtpnt_Merge | FID BMP footprint Merge number (Source: RBF Consulting)   | Integer      | 4     | 10        | 0     | FID_BMPFtpnt_Merge |
| Shape              | Feature geometry. (Source: ESRI)  | Geometry     | 4     | 0         | 0     | Shape              |
| FloodZone          | Flood Control District Zone number (Source: RBF Consulting)   | SmallInteger | 2     | 5         | 0     | FloodZone          |
| CITY_NAME          | Name of City where the BMP is located (Source: RBF Consulting)  | String       | 254   | 0         | 0     | CITY_NAME          |
| Title              | Concatenation of Flood Zone number, City name and BMP ID (there are hard coded space returns between each information) (Source: RBF Consulting) | String       | 255   | 0         | 0     | Title              |
| BMPStatus          | BMP Status (Go Site, No Go) (Source: RBF Consulting)  | String       | 10    | 0         | 0     | BMPStatus          |
| BMP_ID             | BMP ID number (Source: RBF Consulting)  | String       | 50    | 0         | 0     | BMP_ID             |
| Shape.area         | Area (Source: ESRI)   | Double       | 0     | 0         | 0     | Shape.area         |
| Shape.len          | Perimeter (Source: ESRI)  | Double       | 0     | 0         | 0     | Shape.len          |

## Attributes of sde4csb.SDE.CityStormDrain

Type of object: Feature Class

City Storm Drain (Source: Various Cities within San Bernardino County)

| Attribute Name | Description   | Data Type    | Width | Precision | Scale | Alias         |
|----------------|---|--------------|-------|-----------|-------|---------------|
| OBJECTID       | Internal feature number. (Source: ESRI)   | OID          | 4     | 10        | 0     | OBJECTID      |
| SIZE_          | Diameter of facility (Source: Various Cities within San Bernardino County)  | Double       | 8     | 38        | 8     | SIZE_         |
| MATERIAL       | Material (Source: Various Cities within San Bernardino County)  | String       | 50    | 0         | 0     | MATERIAL      |
| FLOW           | Flow (Source: Various Cities within San Bernardino County)  | SmallInteger | 2     | 5         | 0     | FLOW          |
| SOURCE         | Name of City that provided the source of drainage information (Source: Various Cities within San Bernardino County) | String       | 50    | 0         | 0     | SOURCE        |
| UniqCityID     | Unique City ID  | String       | 12    | 0         | 0     | UniqCityID    |
| DATE_MODIFIED  | Modification date   | String       | 15    | 0         | 0     | DATE_MODIFIED |
| DATE_RECEIVED  | Date of receipt of drainage data from City  | String       | 15    | 0         | 0     | DATE_RECEIVED |
| SHAPE          | Feature geometry. (Source: ESRI)  | Geometry     | 4     | 0         | 0     | Shape         |
| SHAPE.len      | Length (Source: ESRI)   | Double       | 0     | 0         | 0     | Shape.len     |



## Attributes of SDE4SBFCD.DBO.Contours201011

Type of object: Feature Class

Contours (Source: San Bernardino Valley Municipal Water District (SBVMWD))

| Attribute Name | Description  | Data Type | Width | Precision | Scale | Alias     |
|----------------|--|-----------|-------|-----------|-------|-----------|
| OBJECTID       | Internal feature number. (Source: ESRI)  | OID       | 4     | 10        | 0     | OBJECTID  |
| Id             | ID (Source: San Bernardino Valley Municipal Water District (SBVMWD))   | Integer   | 4     | 10        | 0     | Id        |
| Contour        | 50' contour depth (feet) intervals below the measuring point of elevation (approximate ground surface) (Source: San Bernardino Valley Municipal Water District (SBVMWD)) | Integer   | 4     | 10        | 0     | Contour   |
| Shape          | Feature geometry. (Source: ESRI)   | Geometry  | 4     | 0         | 0     | Shape     |
| Shape.len      | Length (Source: ESRI)  | Double    | 0     | 0         | 0     | Shape.len |

## Attributes of SDE4SBFCD.DBO.Cucamonga\_GWL\_ft\_zone\_5

Type of object: Feature Class

Cucamonga ground water elevations (Source: San Bernardino Valley Municipal Water District (SBVMWD))

| Attribute Name | Description   | Data Type    | Width | Precision | Scale | Alias      |
|----------------|---|--------------|-------|-----------|-------|------------|
| OBJECTID       | Internal feature number. (Source: ESRI)   | OID          | 4     | 10        | 0     | OBJECTID   |
| Shape          | Feature geometry. (Source: ESRI)  | Geometry     | 4     | 0         | 0     | Shape      |
| WL_ELEV_FT     | Water level elevation in feet (Source: San Bernardino Valley Municipal Water District (SBVMWD))   | Double       | 8     | 16        | 2     | WL_ELEV_FT |
| WL_ELEV_M      | Water level elevation in meters (Source: San Bernardino Valley Municipal Water District (SBVMWD)) | Double       | 8     | 16        | 2     | WL_ELEV_M  |
| contr_int      | contr_int (Source: San Bernardino Valley Municipal Water District (SBVMWD))                       | SmallInteger | 2     | 5         | 0     | contr_int  |
| Shape.len      | Length (Source: ESRI)   | Double       | 0     | 0         | 0     | Shape.len  |

## Attributes of sde4csb.SDE.Drainage\_Course

Type of object: Feature Class

Drainage Course (Source: San Bernardino County)

| Attribute Name | Description   | Data Type | Width | Precision | Scale | Alias      |
|----------------|---|-----------|-------|-----------|-------|------------|
| OBJECTID       | Internal feature number. (Source: ESRI)                           | Double    | 8     | 38        | 8     | OBJECTID   |
| OBJECTID_1     | Internal feature number. (Source: ESRI)                           | OID       | 4     | 10        | 0     | OBJECTID_1 |
| SHAPE          | Feature geometry. (Source: ESRI)                                  | Geometry  | 4     | 0         | 0     | Shape      |
| E_EHM          | Engineered Hardened Maintained; (Y or N) (Source: RBF Consulting) | String    | 50    | 0         | 0     | E_EHM      |
| E_BOARD_RE     | E Board Reach (Source: RBF Consulting)                            | String    | 50    | 0         | 0     | E_BOARD_RE |
| E_STREAM_O     | E Stream System number (Source: RBF Consulting)                   | Double    | 8     | 38        | 8     | E_STREAM_O |
| E_STABILIT     | E Stability (Source: RBF Consulting)                              | Double    | 8     | 38        | 8     | E_STABILIT |
| E_SOFT_BOT     | E Soft Bottom (Y or N) (Source: RBF Consulting)                   | String    | 50    | 0         | 0     | E_SOFT_BOT |

|            |   |        |     |    |   |            |
|------------|---|--------|-----|----|---|------------|
| E_BLUE_LIN | E Blue Line (Y or N) ( <i>Source: RBF Consulting</i> )                | String | 50  | 0  | 0 | E_BLUE_LIN |
| FACILITY_N | Facility Name ( <i>Source: RBF Consulting</i> )                       | String | 50  | 0  | 0 | FACILITY_N |
| RED_BOOK_N | Red Book number ( <i>Source: RBF Consulting</i> )                     | String | 50  | 0  | 0 | RED_BOOK_N |
| SYSTEM_NUM | System Number ( <i>Source: RBF Consulting</i> )                       | String | 50  | 0  | 0 | SYSTEM_NUM |
| FACILITY_1 | Facility 1 ( <i>Source: RBF Consulting</i> )                          | String | 50  | 0  | 0 | FACILITY_1 |
| OWNER      | Owner of facility ( <i>Source: RBF Consulting</i> )                   | String | 50  | 0  | 0 | OWNER      |
| TYPE       | Type of facility ( <i>Source: RBF Consulting</i> )                    | String | 50  | 0  | 0 | TYPE       |
| MATERIAL   | Material ( <i>Source: RBF Consulting</i> )                            | String | 50  | 0  | 0 | MATERIAL   |
| DIMENSION  | Dimensions of facility ( <i>Source: RBF Consulting</i> )              | String | 50  | 0  | 0 | DIMENSION  |
| STATUS     | Status (Ultimate, Unknown, Interim) ( <i>Source: RBF Consulting</i> ) | String | 50  | 0  | 0 | STATUS     |
| MAINTENANC | Maintainer of the facility ( <i>Source: RBF Consulting</i> )          | String | 50  | 0  | 0 | MAINTENANC |
| PAVED_ACCE | Paved Access (Y or N) ( <i>Source: RBF Consulting</i> )               | String | 50  | 0  | 0 | PAVED_ACCE |
| FENCE      | Fence (Y or N) ( <i>Source: RBF Consulting</i> )                      | String | 50  | 0  | 0 | FENCE      |
| Q100       | Q100 number ( <i>Source: RBF Consulting</i> )                         | Double | 8   | 38 | 8 | Q100       |
| DATE_OF_Q  | Date of Q ( <i>Source: RBF Consulting</i> )                           | Date   | 36  | 0  | 0 | DATE_OF_Q  |
| AS_BUILT   | As-built date ( <i>Source: RBF Consulting</i> )                       | String | 250 | 0  | 0 | AS_BUILT   |
| PERMITS    | Permits   | String | 250 | 0  | 0 | PERMITS    |
| INVENTORY  | Inventory   | String | 250 | 0  | 0 | INVENTORY  |
| CHECK_DATE | Check Date  | Date   | 36  | 0  | 0 | CHECK_DATE |
| WIDTH_BOTT | Width at bottom of facility ( <i>Source: RBF Consulting</i> )         | Double | 8   | 38 | 8 | WIDTH_BOTT |
| WIDTH_TOP  | Width at top of facility ( <i>Source: RBF Consulting</i> )            | Double | 8   | 38 | 8 | WIDTH_TOP  |
| HEIGHT     | Height of facility ( <i>Source: RBF Consulting</i> )                  | Double | 8   | 38 | 8 | HEIGHT     |
| DIAMETER   | Diameter of facility ( <i>Source: RBF Consulting</i> )                | Double | 8   | 38 | 8 | DIAMETER   |
| OID_101806 | Old OID From 101806   | Double | 8   | 38 | 8 | OID_101806 |
| HIDDEN     | Hidden (Y or N)   | String | 50  | 0  | 0 | HIDDEN     |
| QC         | Quality Control Checked (Y or N) ( <i>Source: RBF Consulting</i> )    | String | 50  | 0  | 0 | QC         |
| ZONE_      | Flood Control Zone number ( <i>Source: RBF Consulting</i> )           | Double | 8   | 38 | 8 | ZONE_      |
| REACH_LIMI | Reach limit location ( <i>Source: RBF Consulting</i> )                | String | 150 | 0  | 0 | REACH_LIMI |

|                   |  |        |    |    |   |                   |
|-------------------|--|--------|----|----|---|-------------------|
| NonEHM            | Non Engineered Hardened Material (Upstream or Not Upstream) (Source: RBF Consulting) | String | 20 | 0  | 0 | NonEHM            |
| NonRedBook        | Non Red Book (Y or N) (Source: RBF Consulting)                                       | String | 15 | 0  | 0 | NonRedBook        |
| OverallLen        | Overall length of facility (Source: RBF Consulting)                                  | Double | 8  | 38 | 8 | OverallLen        |
| Temp_             | Temporary number (Source: RBF Consulting)  | Double | 8  | 38 | 8 | Temp_             |
| SubReach          | Subreach number (Source: RBF Consulting)   | Double | 8  | 38 | 8 | SubReach          |
| OID_091508        | Old OID number from 091508   | Double | 8  | 38 | 8 | OID_091508        |
| ReachNUM          | Reach Number (Source: RBF Consulting)  | String | 50 | 0  | 0 | ReachNUM          |
| d                 | d (Y or N) (Source: RBF Consulting)  | String | 10 | 0  | 0 | d                 |
| Hydromodification | Hydromodification (High, Medium, Low) (Source: RBF Consulting)                       | String | 50 | 0  | 0 | Hydromodification |
| TMDLs             | Total Maximum Daily Loads (Y or N) (Source: RBF Consulting)                          | String | 50 | 0  | 0 | TMDLs             |
| TMDL_UnqID        | TMDL id number   | String | 50 | 0  | 0 | TMDL_UnqID        |
| AsBuilt           | Yes or No  | String | 5  | 0  | 0 | AsBuilt           |
| Shape.len         | Length (Source: ESRI)  | Double | 0  | 0  | 0 | Shape.len         |

### Attributes of SDE4SBFCD.DBO.F2008\_CBWM\_DTW\_ft\_zone\_5

Type of object: Feature Class

Depth to water contours (Source: Chino Basin Watermaster)

| Attribute Name | Description   | Data Type | Width | Precision | Scale | Alias     |
|----------------|---|-----------|-------|-----------|-------|-----------|
| OBJECTID       | Internal feature number. (Source: ESRI)             | OID       | 4     | 10        | 0     | OBJECTID  |
| Shape          | Feature geometry. (Source: ESRI)                    | Geometry  | 4     | 0         | 0     | Shape     |
| CONTOUR        | Contour elevation (Source: Chino Basin Watermaster) | Double    | 8     | 14        | 0     | CONTOUR   |
| Shape.len      | Length (Source: ESRI)                               | Double    | 0     | 0         | 0     | Shape.len |

### Attributes of sde4csb.SDE.Hydromodification

Type of object: Feature Class

Hydromodification (Source: RBF Consulting)

| Attribute Name | Description  | Data Type | Width | Precision | Scale | Alias      |
|----------------|--|-----------|-------|-----------|-------|------------|
| OBJECTID       | Internal feature number. (Source: ESRI)                                | OID       | 4     | 10        | 0     | OBJECTID   |
| Id             | ID for Hydromodification area (Source: RBF Consulting)                 | Integer   | 4     | 10        | 0     | Id         |
| Area_ac        | Area acreage (Source: RBF Consulting)                                  | Double    | 8     | 13        | 2     | Area_ac    |
| Hydromod       | Is area subject to Hydromodification (Y or N) (Source: RBF Consulting) | String    | 10    | 0         | 0     | Hydromod   |
| Shape          | Feature geometry. (Source: ESRI)                                       | Geometry  | 4     | 0         | 0     | Shape      |
| Shape.area     | Area (Source: ESRI)  | Double    | 0     | 0         | 0     | Shape.area |
| Shape.len      | Perimeter (Source: ESRI)   | Double    | 0     | 0         | 0     | Shape.len  |

## Attributes of SDE4SBFCD.DBO.Kaiser\_TDS\_TOC\_Plume\_2008\_Zn\_5

Type of object: Feature Class

Kaiser Plume (Source: San Bernardino Valley Municipal Water District)

| Attribute Name | Description  | Data Type | Width | Precision | Scale | Alias      |
|----------------|--|-----------|-------|-----------|-------|------------|
| OBJECTID       | Internal feature number. (Source: ESRI)  | OID       | 4     | 10        | 0     | OBJECTID   |
| AREA_          | Area (Source: San Bernardino Valley Municipal Water District)                  | Double    | 8     | 18        | 6     | AREA_      |
| Shape          | Feature geometry. (Source: ESRI)   | Geometry  | 4     | 0         | 0     | Shape      |
| PERIMETER      | Perimeter (Source: San Bernardino Valley Municipal Water District)             | Double    | 8     | 18        | 6     | PERIMETER  |
| KAISER_        | Kaiser number (Source: San Bernardino Valley Municipal Water District)         | Double    | 8     | 11        | 0     | KAISER_    |
| KAISER_ID      | Kaiser ID number (Source: San Bernardino Valley Municipal Water District)      | Double    | 8     | 11        | 0     | KAISER_ID  |
| NAME           | Name of plume (Source: San Bernardino Valley Municipal Water District)         | String    | 30    | 0         | 0     | NAME       |
| area_m2        | Area in square meters (Source: San Bernardino Valley Municipal Water District) | Double    | 8     | 16        | 1     | area_m2    |
| Shape.area     | Area (Source: ESRI)  | Double    | 0     | 0         | 0     | Shape.area |
| Shape.len      | Perimeter (Source: ESRI)   | Double    | 0     | 0         | 0     | Shape.len  |

## Attributes of SDE4SBFCD.DBO.microgram\_plume\_zn5

Type of object: Feature Class

Microgram Plume (Source: Kleinfelder)

| Attribute Name | Description                             | Data Type    | Width | Precision | Scale | Alias      |
|----------------|---|--------------|-------|-----------|-------|------------|
| OBJECTID       | Internal feature number. (Source: ESRI) | OID          | 4     | 10        | 0     | OBJECTID   |
| Shape          | Feature geometry. (Source: ESRI)        | Geometry     | 4     | 0         | 0     | Shape      |
| Id             | Id number (Source: Kleinfelder)         | Integer      | 4     | 10        | 0     | Id         |
| AREA_          | area                                    | SmallInteger | 2     | 5         | 0     | AREA_      |
| BUFF_DIST      | Buffer Distance (Source: Kleinfelder)   | Double       | 8     | 38        | 8     | BUFF_DIST  |
| F_AREA         | F Area (Source: Kleinfelder)            | Double       | 8     | 38        | 8     | F_AREA     |
| Plume          | Plume name (Source: Kleinfelder)        | String       | 15    | 0         | 0     | Plume      |
| Shape.area     | Area (Source: ESRI)                     | Double       | 0     | 0         | 0     | Shape.area |
| Shape.len      | Perimeter (Source: ESRI)                | Double       | 0     | 0         | 0     | Shape.len  |

## Attributes of SDE4SBFCD.DBO.plumes\_200708\_SBVMWD

Type of object: Feature Class

Plume areas (Source: San Bernardino Valley Municipal Water District (SBVMWD))

| Attribute Name | Description   | Data Type | Width | Precision | Scale | Alias    |
|----------------|---|-----------|-------|-----------|-------|----------|
| OBJECTID       | Internal feature number. (Source: ESRI)   | OID       | 4     | 10        | 0     | OBJECTID |
| Shape          | Feature geometry. (Source: ESRI)  | Geometry  | 4     | 0         | 0     | Shape    |
| AREA1          | Area calculated (Source: San Bernardino Valley Municipal Water District (SBVMWD)) | Double    | 8     | 15        | 3     | AREA1    |

|   |   |        |     |    |   |   |
|---|---|--------|-----|----|---|---|
| PERIMETER                               | Perimeter calculated ( <i>Source:</i> San Bernardino Valley Municipal Water District (SBVMWD))        | Double | 8   | 15 | 3 | PERIMETER                               |
| PLUMES_                                 | Plumes old id ( <i>Source:</i> San Bernardino Valley Municipal Water District (SBVMWD))               | Double | 8   | 11 | 0 | PLUMES_                                 |
| PLUMES_ID                               | Plumes old id number ( <i>Source:</i> San Bernardino Valley Municipal Water District (SBVMWD))        | Double | 8   | 11 | 0 | PLUMES_ID                               |
| SDE4SBFCD.DBO.plumes_200708_SBVMWD.AREA | Area ( <i>Source:</i> San Bernardino Valley Municipal Water District (SBVMWD))                        | Double | 8   | 17 | 1 | SDE4SBFCD.DBO.plumes_200708_SBVMWD.AREA |
| NAME                                    | Location name of plume area ( <i>Source:</i> San Bernardino Valley Municipal Water District (SBVMWD)) | String | 50  | 0  | 0 | NAME                                    |
| DESCRIPTION                             | Plume Name ( <i>Source:</i> San Bernardino Valley Municipal Water District (SBVMWD))                  | String | 100 | 0  | 0 | DESCRIPTION                             |
| MajCont                                 | Major contaminates ( <i>Source:</i> San Bernardino Valley Municipal Water District (SBVMWD))          | String | 254 | 0  | 0 | MajCont                                 |
| CONTAMINANT                             | Contamination name(s) ( <i>Source:</i> San Bernardino Valley Municipal Water District (SBVMWD))       | String | 125 | 0  | 0 | CONTAMINANT                             |
| Shape.area                              | Area ( <i>Source:</i> ESRI)   | Double | 0   | 0  | 0 | Shape.area                              |
| Shape.len                               | Perimeter ( <i>Source:</i> ESRI)  | Double | 0   | 0  | 0 | Shape.len                               |

## Attributes of SDE4SBFCD.DBO.Contours201011

*Type of object:* Feature Class

Rancho Cucamonga Depth of Water Contours (*Source:* San Bernardino Valley Municipal Water District (SBVMWD))

| Attribute Name | Description  | Data Type | Width | Precision | Scale | Alias     |
|----------------|--|-----------|-------|-----------|-------|-----------|
| OBJECTID       | Internal feature number. ( <i>Source:</i> ESRI)  | OID       | 4     | 10        | 0     | OBJECTID  |
| Id             | ID ( <i>Source:</i> San Bernardino Valley Municipal Water District (SBVMWD))   | Integer   | 4     | 10        | 0     | Id        |
| Contour        | 50' contour depth (feet) intervals below the measuring point of elevation (approximate ground surface) ( <i>Source:</i> San Bernardino Valley Municipal Water District (SBVMWD)) | Integer   | 4     | 10        | 0     | Contour   |
| Shape          | Feature geometry. ( <i>Source:</i> ESRI)   | Geometry  | 4     | 0         | 0     | Shape     |
| Shape.len      | Length ( <i>Source:</i> ESRI)  | Double    | 0     | 0         | 0     | Shape.len |

## Attributes of sde4csb.SDE.Reports

*Type of object:* Feature Class

Report (*Source:* RBF Consulting)

| Attribute Name | Description | Data Type | Width | Precision | Scale | Alias |
|----------------|-------------|-----------|-------|-----------|-------|-------|
|----------------|-------------|-----------|-------|-----------|-------|-------|

|            |   |          |    |    |   |            |
|------------|---|----------|----|----|---|------------|
| OBJECTID   | Internal feature number. (Source: ESRI)       | OID      | 4  | 10 | 0 | OBJECTID   |
| Id         | Id number (Source: RBF Consulting)            | Integer  | 4  | 10 | 0 | Id         |
| Name       | Document Name (Source: RBF Consulting)        | String   | 50 | 0  | 0 | Name       |
| pdf_Name   | PDF name of document (Source: RBF Consulting) | String   | 50 | 0  | 0 | pdf_Name   |
| Shape      | Feature geometry. (Source: ESRI)              | Geometry | 4  | 0  | 0 | Shape      |
| Shape.area | Area (Source: ESRI)                           | Double   | 0  | 0  | 0 | Shape.area |
| Shape.len  | Length (Source: ESRI)                         | Double   | 0  | 0  | 0 | Shape.len  |

## Attributes of sde4csb.SDE.Restoration

Type of object: Feature Class

Restoration (Source: RBF Consulting)

| Attribute Name | Description   | Data Type    | Width | Precision | Scale | Alias      |
|----------------|---|--------------|-------|-----------|-------|------------|
| OBJECTID       | Internal feature number. (Source: ESRI)   | OID          | 4     | 10        | 0     | OBJECTID   |
| SymbolID       | Old ID number for Restoration channel opportunity (Source: RBF Consulting)            | Integer      | 4     | 10        | 0     | SymbolID   |
| MEAN_Zone      | Flood Control District Zone (Source: RBF Consulting)                                  | Double       | 8     | 38        | 8     | MEAN_Zone  |
| FIRST_Thom     | Thomas Bros Map book page (Source: RBF Consulting)                                    | SmallInteger | 2     | 5         | 0     | FIRST_Thom |
| FIRST_CITY     | Name of City or Cities (Source: RBF Consulting)                                       | String       | 35    | 0         | 0     | FIRST_CITY |
| Length_FT      | Length of Restoration channel (Source: RBF Consulting)                                | Double       | 8     | 15        | 0     | Length_FT  |
| FCD            | Full name of Flood Control District zone number (Source: RBF Consulting)              | String       | 50    | 0         | 0     | FCD        |
| NewID          | New Id for Restoration channel opportunity (Source: RBF Consulting)                   | SmallInteger | 2     | 5         | 0     | NewID      |
| NewName        | Name of the Restoration channel opportunity with site number (Source: RBF Consulting) | String       | 100   | 0         | 0     | NewName    |
| JPG_Link       | Restoration PDF Document name (Source: RBF Consulting)                                | String       | 254   | 0         | 0     | JPG_Link   |
| Resto_Link     | URL link to Restoration PDF document (Source: RBF Consulting)                         | String       | 254   | 0         | 0     | Resto_Link |
| Shape          | Feature geometry. (Source: ESRI)  | Geometry     | 4     | 0         | 0     | Shape      |
| Shape.len      | Length (Source: ESRI)   | Double       | 0     | 0         | 0     | Shape.len  |

## Attributes of sde4csb.SDE.Retrofit

Type of object: Feature Class

Retrofit Opportunities (Source: RBF Consulting)

| Attribute Name | Description  | Data Type    | Width | Precision | Scale | Alias      |
|----------------|--|--------------|-------|-----------|-------|------------|
| OBJECTID       | Internal feature number. (Source: ESRI)                          | OID          | 4     | 10        | 0     | OBJECTID   |
| ThomasPage     | Thomas Bros Map Page   | SmallInteger | 2     | 5         | 0     | ThomasPage |
| Zone           | Flood Control District Zone number (Source: RBF Consulting)      | SmallInteger | 2     | 5         | 0     | Zone       |
| BMP_ID         | ID of BMP (Source: RBF Consulting)                               | String       | 50    | 0         | 0     | BMP_ID     |
| CITY_NAME      | Name of City that the Retrofit falls in (Source: RBF Consulting) | String       | 35    | 0         | 0     | CITY_NAME  |

|            |  |              |     |    |   |            |
|------------|--|--------------|-----|----|---|------------|
| Rain_in    | Treatment Best Management Practice (BMP) design rainfall depth in inches. It is a 2-year 1-hour storm value used in combination with the appropriate regression coefficient to generate the 6-hour mean storm rainfall. (Source: RBF Consulting)         | Double       | 8   | 7  | 3 | Rain_in    |
| Region     | Region (Valley, Mountain or Desert) (Source: RBF Consulting)   | String       | 15  | 0  | 0 | Region     |
| Regrssion  | 6-hour storm rainfall depth regression coefficients chosen based on whether the potential BMP site located in either a "Valley", "Mountain", or "Desert" region, which has the values 1.4807, 1.9090, and 1.2371, respectively. (Source: RBF Consulting) | Double       | 8   | 9  | 4 | Regrssion  |
| P6_inch    | 6-hour mean storm rainfall in inches. This is calculated by multiplying the 2-year 1-hour value (Rain_in, see previous) and the appropriate regression coefficient (Regrssion, see previous). (Source: RBF Consulting)                                   | Double       | 8   | 11 | 4 | P6_inch    |
| a_48hDrwDw | 48 hour draw down (Source: RBF Consulting)   | Double       | 8   | 9  | 3 | a_48hDrwDw |
| C_bmp      | C_BMP  | Double       | 8   | 9  | 4 | C_bmp      |
| i_imprv    | I Improvement  | Double       | 8   | 9  | 4 | i_imprv    |
| Po_inch    | Po in inches (Source: RBF Consulting)  | Double       | 8   | 9  | 4 | Po_inch    |
| TribAreaAC | Tributary area acreage (Source: RBF Consulting)  | Double       | 8   | 19 | 3 | TribAreaAC |
| BMPTType   | Best Management Practice Type (Source: RBF Consulting)   | String       | 254 | 0  | 0 | BMPTType   |
| GW_Elv_FT  | Ground Water Elevation in feet (Source: RBF Consulting)  | SmallInteger | 2   | 5  | 0 | GW_Elv_FT  |
| BMP_Status | Best Management Practice Type (Source: RBF Consulting)   | String       | 8   | 0  | 0 | BMP_Status |
| Lat        | Latitude (Source: RBF Consulting)  | Double       | 8   | 16 | 5 | Lat        |
| Long       | Longitude (Source: RBF Consulting)   | Double       | 8   | 16 | 5 | Long       |
| POINT_X    | Point X Latitude (Source: RBF Consulting)  | Double       | 8   | 38 | 8 | POINT_X    |
| POINT_Y    | Point Y Longitude (Source: RBF Consulting)   | Double       | 8   | 38 | 8 | POINT_Y    |
| APNOwner   | Assesor Parcel Owner (Source: RBF Consulting)  | String       | 254 | 0  | 0 | APNOwner   |
| PDF        | PDF document (Source: RBF Consulting)  | String       | 254 | 0  | 0 | PDF        |
| Retro_Link | Retrofit URL link to document (Source: RBF Consulting)   | String       | 254 | 0  | 0 | Retro_Link |
| Shape      | Feature geometry. (Source: ESRI)   | Geometry     | 4   | 0  | 0 | Shape      |

## Attributes of SDE4SBFCD.DBO.Rialto\_Plume\_Zn\_5

Type of object: Feature Class

Rialto Plume (Source: Chino Basin Watermaster)

| Attribute Name | Description                                 | Data Type | Width | Precision | Scale | Alias      |
|----------------|---|-----------|-------|-----------|-------|------------|
| OBJECTID       | Internal feature number. (Source: ESRI)     | OID       | 4     | 10        | 0     | OBJECTID   |
| Shape          | Feature geometry. (Source: ESRI)            | Geometry  | 4     | 0         | 0     | Shape      |
| Id             | Unique ID (Source: Chino Basin Watermaster) | Integer   | 4     | 10        | 0     | Id         |
| Shape.area     | Area (Source: ESRI)                         | Double    | 0     | 0         | 0     | Shape.area |
| Shape.len      | Perimeter (Source: ESRI)                    | Double    | 0     | 0         | 0     | Shape.len  |

## Attributes of sde4csb.SDE.Septic\_Tank

Type of object: Feature Class

Parcels with Septic Tank (Source: San Bernardino County)

| Attribute Name | Description   | Data Type | Width | Precision | Scale | Alias       |
|----------------|---|-----------|-------|-----------|-------|-------------|
| OBJECTID_12    | Internal feature number. (Source: ESRI)   | OID       | 4     | 10        | 0     | OBJECTID_12 |
| OBJECTID_1     | Internal feature number. (Source: ESRI)   | Double    | 8     | 10        | 0     | OBJECTID_1  |
| Shape          | Feature geometry. (Source: ESRI)  | Geometry  | 4     | 0         | 0     | Shape       |
| OBJECTID       | Internal feature number. (Source: San Bernardino County)                            | Double    | 8     | 19        | 8     | OBJECTID    |
| APN            | Assessor Parcel Number (as text) (Source: San Bernardino County)                    | String    | 9     | 0         | 0     | APN         |
| APNCODE        | Assessor Parcel Number code (Source: San Bernardino County)                         | String    | 1     | 0         | 0     | APNCODE     |
| CODENUM        | Code Number (Source: San Bernardino County)   | Double    | 8     | 10        | 0     | CODENUM     |
| DATENO         | Date number (Source: San Bernardino County)   | Double    | 8     | 19        | 8     | DATENO      |
| PARCEL_NBR     | Parcel Number (as text) (Source: San Bernardino County)                             | String    | 9     | 0         | 0     | PARCEL_NBR  |
| OWNER_NAME     | Owner Name (Source: San Bernardino County)  | String    | 36    | 0         | 0     | OWNER_NAME  |
| SITUS_NBR      | Situs Address Number of the parcel (Source: San Bernardino County)                  | Double    | 8     | 19        | 8     | SITUS_NBR   |
| SITUS_PRED     | Situs Address Predirectional (N,S,E,W) (Source: San Bernardino County)              | String    | 1     | 0         | 0     | SITUS_PRED  |
| SITUS_NAME     | Situs Name of Street (Source: San Bernardino County)                                | String    | 20    | 0         | 0     | SITUS_NAME  |
| SITUS_TYPE     | Situs Street Ending (ST, AVE, RD, etc) (Source: San Bernardino County)              | String    | 4     | 0         | 0     | SITUS_TYPE  |
| SITUS_CITY     | Situs City (Source: San Bernardino County)  | String    | 20    | 0         | 0     | SITUS_CITY  |
| SITUS_STAT     | Situs State (Source: San Bernardino County)   | String    | 2     | 0         | 0     | SITUS_STAT  |
| SITUS_AREA     | Situs Area (3 character abbreviation of Situs_City) (Source: San Bernardino County) | String    | 3     | 0         | 0     | SITUS_AREA  |
| SITUS_ZIP      | Situs five digit zip code (Source: San Bernardino County)                           | String    | 5     | 0         | 0     | SITUS_ZIP   |



|            |  |        |    |    |   |            |
|------------|--|--------|----|----|---|------------|
|            | Bernardino County)   |        |    |    |   |            |
| SITUS_ZIP_ | Situs zip code plus four number ( <i>Source: San Bernardino County</i> )   | String | 4  | 0  | 0 | SITUS_ZIP_ |
| OWNER_ADDR | Parcel Owner mailing address (street number, street number, or PO box) ( <i>Source: San Bernardino County</i> )  | String | 60 | 0  | 0 | OWNER_ADDR |
| OWNER_CTYS | Parcel Owner mailing City, State and Zip Code ( <i>Source: San Bernardino County</i> )   | String | 60 | 0  | 0 | OWNER_CTYS |
| OWNER_PARS | Parcel Owner Address Parsed (Y or N) ( <i>Source: San Bernardino County</i> )  | String | 1  | 0  | 0 | OWNER_PARS |
| OWNER_NBR  | Parcel Owner mailing address number ( <i>Source: San Bernardino County</i> )   | Double | 8  | 19 | 8 | OWNER_NBR  |
| OWNER_STRE | Parcel Owner street name ( <i>Source: San Bernardino County</i> )  | String | 20 | 0  | 0 | OWNER_STRE |
| OWNER_TYPE | Parcel Owner mailing street ending (ST, AVE, RD, etc) ( <i>Source: San Bernardino County</i> )   | String | 4  | 0  | 0 | OWNER_TYPE |
| OWNER_PRED | Parcel Owner mailing street predirectional - N, S, E, W ( <i>Source: San Bernardino County</i> )   | String | 1  | 0  | 0 | OWNER_PRED |
| OWNER_STAT | Parcel Owner mailing State ( <i>Source: San Bernardino County</i> )  | String | 2  | 0  | 0 | OWNER_STAT |
| OWNER_CITY | Parcel Owner mailing City ( <i>Source: San Bernardino County</i> )   | String | 16 | 0  | 0 | OWNER_CITY |
| OWNER_QUAL | Parcel Owner mailing qualifier identifying the unit number (Suite number, Apartment number, Building number, etc) ( <i>Source: San Bernardino County</i> ) | String | 8  | 0  | 0 | OWNER_QUAL |
| OWNER_FRAC | Parcel Owner mailing fraction number ( <i>Source: San Bernardino County</i> )  | String | 3  | 0  | 0 | OWNER_FRAC |
| OWNER_FILL | Parcel Owner mailing fill ( <i>Source: San Bernardino County</i> )   | String | 22 | 0  | 0 | OWNER_FILL |
| OWNER_ZIP  | Parcel Owner mailing Zip Code ( <i>Source: San Bernardino County</i> )   | String | 5  | 0  | 0 | OWNER_ZIP  |
| OWNER_ZIP_ | Parcel Owner mailing Zip Code plus four number ( <i>Source: San Bernardino County</i> )  | String | 4  | 0  | 0 | OWNER_ZIP_ |
| TYPECODE   | Type Code ( <i>Source: San Bernardino County</i> )   | String | 2  | 0  | 0 | TYPECODE   |
| TYPEACREAG | Type Acreage ( <i>Source: San Bernardino County</i> )  | String | 1  | 0  | 0 | TYPEACREAG |
| TYPEUSE    | Type Use (land use code) ( <i>Source: San Bernardino County</i> )  | String | 3  | 0  | 0 | TYPEUSE    |
| LAND_VALUE | Land Value ( <i>Source: San Bernardino County</i> )  | String | 9  | 0  | 0 | LAND_VALUE |
| IMPR_VALUE | Improvement Value ( <i>Source: San Bernardino County</i> )   | String | 9  | 0  | 0 | IMPR_VALUE |
| PERS_VALUE | Pers Value ( <i>Source: San Bernardino County</i> )  | String | 9  | 0  | 0 | PERS_VALUE |
| EXEM_VALUE | Exemption Value ( <i>Source: San Bernardino County</i> )   | String | 9  | 0  | 0 | EXEM_VALUE |
| HOX_FLAG   | Home Owners Exemption Flag (Y) ( <i>Source: San Bernardino County</i> )  | String | 1  | 0  | 0 | HOX_FLAG   |

|            |  |        |     |    |   |            |
|------------|--|--------|-----|----|---|------------|
|            | San Bernardino County)   |        |     |    |   |            |
| ACREAGE    | Acreage of parcel ( <i>Source: San Bernardino County</i> )                                     | Double | 8   | 19 | 8 | ACREAGE    |
| BASE_YEAR  | Base Year ( <i>Source: San Bernardino County</i> )   | Double | 8   | 19 | 8 | BASE_YEAR  |
| TAX_STATUS | Tax Status ( <i>Source: San Bernardino County</i> )  | String | 1   | 0  | 0 | TAX_STATUS |
| TRA        | Tax Rate Area ( <i>Source: San Bernardino County</i> )   | String | 7   | 0  | 0 | TRA        |
| RESP_GROUP | RESP Group ( <i>Source: San Bernardino County</i> )  | String | 1   | 0  | 0 | RESP_GROUP |
| RESP_UNIT  | RESP Unit ( <i>Source: San Bernardino County</i> )   | String | 3   | 0  | 0 | RESP_UNIT  |
| ID         | Id number ( <i>Source: San Bernardino County</i> )   | Double | 8   | 10 | 0 | ID         |
| Parcel_Num | Assessor Parcel Number with 4 zeros ( <i>Source: San Bernardino County</i> )                   | String | 254 | 0  | 0 | Parcel_Num |
| Sewer_Code | Sewer Code ( <i>Source: San Bernardino County</i> )  | Double | 8   | 19 | 8 | Sewer_Code |
| Owner_Na_1 | Septic Tank Owner Name ( <i>Source: San Bernardino County</i> )                                | String | 254 | 0  | 0 | Owner_Na_1 |
| Owner_Mail | Septic Tank Owner Mailing address ( <i>Source: San Bernardino County</i> )                     | String | 254 | 0  | 0 | Owner_Mail |
| Owner_Ma_1 | Septic Tank Owner Mailing city, and state ( <i>Source: San Bernardino County</i> )             | String | 254 | 0  | 0 | Owner_Ma_1 |
| Owner_Zi_1 | Septic Tank Owner Zip Code ( <i>Source: San Bernardino County</i> )                            | String | 254 | 0  | 0 | Owner_Zi_1 |
| Property_A | Septic Tank Full Situs Address: Number, Name and Type ( <i>Source: San Bernardino County</i> ) | String | 254 | 0  | 0 | Property_A |
| Property_C | Septic Tank Situs City and State ( <i>Source: San Bernardino County</i> )                      | String | 254 | 0  | 0 | Property_C |
| Property_Z | Septic Tank Situs Zip Code ( <i>Source: San Bernardino County</i> )                            | String | 254 | 0  | 0 | Property_Z |
| APN_1      | Assessor Parcel number ( <i>Source: San Bernardino County</i> )                                | String | 254 | 0  | 0 | APN_1      |
| Shape.area | Area ( <i>Source: ESRI</i> )   | Double | 0   | 0  | 0 | Shape.area |
| Shape.len  | Perimeter ( <i>Source: ESRI</i> )  | Double | 0   | 0  | 0 | Shape.len  |

## Attributes of sde4csb.SDE.StormwaterXS\_Locations

*Type of object:* Feature Class

Stormwater Cross Section Locations (*Source: RBF Consulting*)

| Attribute Name | Description   | Data Type | Width | Precision | Scale | Alias      |
|----------------|---|-----------|-------|-----------|-------|------------|
| OBJECTID_1     | Internal feature number. ( <i>Source: ESRI</i> )            | OID       | 4     | 10        | 0     | OBJECTID_1 |
| OBJECTID       | Internal feature number. ( <i>Source: ESRI</i> )            | Double    | 8     | 10        | 0     | OBJECTID   |
| Facility       | Name of Drainage Facility ( <i>Source: RBF Consulting</i> ) | String    | 50    | 0         | 0     | Facility   |
| XSec           | Cross Section number ( <i>Source: RBF Consulting</i> )      | Integer   | 4     | 10        | 0     | XSec       |
| Summary        | Location and path for Cross Section Summary                 | String    | 150   | 0         | 0     | Summary    |

|       |  |          |    |   |   |       |
|-------|--|----------|----|---|---|-------|
|       | document ( <i>Source: RBF Consulting</i> )                               |          |    |   |   |       |
| Name  | Cross Section Summary document name<br>( <i>Source: RBF Consulting</i> ) | String   | 50 | 0 | 0 | Name  |
| Shape | Feature geometry. ( <i>Source: ESRI</i> )                                | Geometry | 4  | 0 | 0 | Shape |

## Attributes of SDE4SBFCD.DBO.Updated\_Soils

*Type of object:* Feature Class

Special Soil Features represent soil, miscellaneous area, or landform features that are too small to be digitized as soil delineations (area features). (*Source: Agricultural Handbook 18, Soil Survey Manual, 1993, USDA, SCS.*)

| Attribute Name | Description  | Data Type | Width | Precision | Scale | Alias      |
|----------------|--|-----------|-------|-----------|-------|------------|
| OBJECTID       | Internal feature number. ( <i>Source: ESRI</i> )   | OID       | 4     | 10        | 0     | OBJECTID   |
| AREASYMBOL     | A symbol that uniquely identifies a single occurrence of a particular type of area<br>( <i>Source: NASIS</i> )                     | String    | 20    | 0         | 0     | AREASYMBOL |
| SPATIALVER     | A sequential integer number used to denote the serial version of the spatial data for a soil survey area. ( <i>Source: NASIS</i> ) | Double    | 8     | 38        | 8     | SPATIALVER |
| MUSYM          | The symbol used to uniquely identify the soil map unit in the soil survey. ( <i>Source: NASIS</i> )                                | String    | 6     | 0         | 0     | MUSYM      |
| MUKEY          | A non-connotative string of characters used to uniquely identify a record in the Mapunit table. ( <i>Source: NASIS</i> )           | String    | 30    | 0         | 0     | MUKEY      |
| Soil_Type      | Soils Type - full description ( <i>Source: U.S. Department of Agriculture, Natural Resources Conservation Service</i> )            | String    | 100   | 0         | 0     | Soil_Type  |
| HYDGRP         | Hydromodification Group ( <i>Source: RBF Consulting</i> )  | String    | 9     | 0         | 0     | HYDGRP     |
| Shape          | Feature geometry. ( <i>Source: ESRI</i> )  | Geometry  | 4     | 0         | 0     | Shape      |
| Shape.area     | Area ( <i>Source: ESRI</i> )   | Double    | 0     | 0         | 0     | Shape.area |
| Shape.len      | Length ( <i>Source: ESRI</i> )   | Double    | 0     | 0         | 0     | Shape.len  |

## Attributes of SDE4SBFCD.DBO.VOC\_Plumes\_2007\_zn\_5

*Type of object:* Feature Class

Volatile Organic Compound (*Source: Chino Basin Watermaster*)

| Attribute Name | Description   | Data Type | Width | Precision | Scale | Alias      |
|----------------|---|-----------|-------|-----------|-------|------------|
| OBJECTID       | Internal feature number. ( <i>Source: ESRI</i> )            | OID       | 4     | 10        | 0     | OBJECTID   |
| Shape          | Feature geometry. ( <i>Source: ESRI</i> )                   | Geometry  | 4     | 0         | 0     | Shape      |
| ID             | Id number ( <i>Source: Chino Basin Watermaster</i> )        | Double    | 8     | 10        | 0     | ID         |
| GRIDCODE       | Grid code number ( <i>Source: Chino Basin Watermaster</i> ) | Double    | 8     | 10        | 0     | GRIDCODE   |
| Shape.area     | Area ( <i>Source: ESRI</i> )                                | Double    | 0     | 0         | 0     | Shape.area |
| Shape.len      | Perimeter ( <i>Source: ESRI</i> )                           | Double    | 0     | 0         | 0     | Shape.len  |

## Attributes of sde4csb.SDE.Water\_Storage\_Facility

Type of object: Feature Class

Water Storage Facility (Source: San Bernardino County)

| Attribute Name | Description   | Data Type | Width | Precision | Scale | Alias      |
|----------------|---|-----------|-------|-----------|-------|------------|
| OBJECTID       | Internal feature number.<br>(Source: ESRI)                            | OID       | 4     | 10        | 0     | OBJECTID   |
| SHAPE          | Feature geometry. (Source: ESRI)                                      | Geometry  | 4     | 0         | 0     | Shape      |
| RED_BOOK_N     | Red Book Number (Source: San Bernardino County)                       | String    | 50    | 0         | 0     | RED_BOOK_N |
| SYSTEM_NUM     | System number (Source: San Bernardino County)                         | String    | 50    | 0         | 0     | SYSTEM_NUM |
| FACILITY_N     | Facility number (Source: San Bernardino County)                       | String    | 50    | 0         | 0     | FACILITY_N |
| NAME           | Facility Name (Source: San Bernardino County)                         | String    | 50    | 0         | 0     | NAME       |
| OWNER          | Owner of facility (Source: San Bernardino County)                     | String    | 50    | 0         | 0     | OWNER      |
| TYPE           | Type of Facility (Source: San Bernardino County)                      | String    | 50    | 0         | 0     | TYPE       |
| REACH          | Reach designation (Source: San Bernardino County)                     | String    | 50    | 0         | 0     | REACH      |
| MAINTENANC     | Maintainer of facility (Source: San Bernardino County)                | String    | 50    | 0         | 0     | MAINTENANC |
| PAVED_ACCE     | Paved Access (Y or N) (Source: San Bernardino County)                 | String    | 50    | 0         | 0     | PAVED_ACCE |
| STATUS         | Status (Interim, Ultimate or Unknown) (Source: San Bernardino County) | String    | 50    | 0         | 0     | STATUS     |
| FENCE          | Fence (Y or N) (Source: San Bernardino County)                        | String    | 50    | 0         | 0     | FENCE      |
| CAPACITY       | Capacity (Source: San Bernardino County)                              | Integer   | 4     | 10        | 0     | CAPACITY   |
| MPD            | MPD (Source: San Bernardino County)                                   | String    | 50    | 0         | 0     | MPD        |
| AS_BUILT       | As built year (Source: San Bernardino County)                         | String    | 250   | 0         | 0     | AS_BUILT   |
| ENVIRONMEN     | Environment (Source: San Bernardino County)                           | String    | 50    | 0         | 0     | ENVIRONMEN |
| PERMITS        | Permit number (Source: San Bernardino County)                         | String    | 250   | 0         | 0     | PERMITS    |
| INVENTORY      | Inventory (Source: San Bernardino County)                             | String    | 250   | 0         | 0     | INVENTORY  |
| ACCESS_RAM     | Access Ramp (Y or N) (Source: San Bernardino County)                  | String    | 50    | 0         | 0     | ACCESS_RAM |
| SPILLWAY       | Spillway (Y or N) (Source: San Bernardino County)                     | String    | 50    | 0         | 0     | SPILLWAY   |
| CRP            | Control release point (Y or N) (Source: San Bernardino County)        | String    | 50    | 0         | 0     | CRP        |

|                 |  |         |     |    |   |                 |
|-----------------|--|---------|-----|----|---|-----------------|
| FLOW            | Flow (Flow by or Flow through) (Source: San Bernardino County)                     | String  | 40  | 0  | 0 | FLOW            |
| REACH_LIMI      | Reach Limit location (Source: San Bernardino County)                               | String  | 50  | 0  | 0 | REACH_LIMI      |
| DSOD_NUMBE      | DSOD number (Source: San Bernardino County)  | String  | 50  | 0  | 0 | DSOD_NUMBE      |
| BASIN_TYPE      | Basin Type (Detention, Debris & Detention, Debris) (Source: San Bernardino County) | String  | 40  | 0  | 0 | BASIN_TYPE      |
| ZONE_           | Flood Control District Zone number (Source: San Bernardino County)                 | Integer | 4   | 10 | 0 | Zone_           |
| HypLink         | Hyperlink  | String  | 100 | 0  | 0 | HypLink         |
| OID_1           | Old OID Number   | Double  | 8   | 10 | 0 | OID_1           |
| RB_OID          | Red Book OID   | String  | 50  | 0  | 0 | RB_OID          |
| Subreach        | Subreach number  | Integer | 4   | 10 | 0 | Subreach        |
| ReachNUM        | Red Book Number and Subreach number  | String  | 50  | 0  | 0 | ReachNUM        |
| d               | No description   | String  | 10  | 0  | 0 | d               |
| RED_BOOK_NUMBER | Red Book Number  | String  | 50  | 0  | 0 | RED_BOOK_NUMBER |
| SubReachQC      | Y or N   | String  | 50  | 0  | 0 | SubReachQC      |
| Shape.area      | Area (Source: ESRI)  | Double  | 0   | 0  | 0 | Shape.area      |
| Shape.len       | Perimeter length (Source: ESRI)  | Double  | 0   | 0  | 0 | Shape.len       |

## Attributes of SDE4SBFCD.DBO.Contours201011

Type of object: Feature Class

Contours (Source: San Bernardino Valley Municipal Water District (SBVMWD))

| Attribute Name | Description  | Data Type | Width | Precision | Scale | Alias     |
|----------------|--|-----------|-------|-----------|-------|-----------|
| OBJECTID       | Internal feature number. (Source: ESRI)  | OID       | 4     | 10        | 0     | OBJECTID  |
| Id             | ID (Source: San Bernardino Valley Municipal Water District (SBVMWD))   | Integer   | 4     | 10        | 0     | Id        |
| Contour        | 50' contour depth (feet) intervals below the measuring point of elevation (approximate ground surface) (Source: San Bernardino Valley Municipal Water District (SBVMWD)) | Integer   | 4     | 10        | 0     | Contour   |
| Shape          | Feature geometry. (Source: ESRI)   | Geometry  | 4     | 0         | 0     | Shape     |
| Shape.len      | Length (Source: ESRI)  | Double    | 0     | 0         | 0     | Shape.len |